

FEDERAL ON-SCENE COORDINATOR'S REPORT

SASSER ELECTRIC COMPANY DRUM SITE
MT. HOPE, FAYETTE COUNTY, WEST VIRGINIA
CERCLA IMMEDIATE REMOVAL ACTIVITY

MAY 26, 1987 THROUGH APRIL 13, 1988



BENTON M. WILMOTH
ON-SCENE COORDINATOR
US EPA REGION III
WHEELING, WV 26003

100001

TABLE OF CONTENTS

FACTS SHEET

FOREWORD

- I. INTRODUCTION
 - A. Initial Situation/Nature of the Incident
 - B. Site Location
 - C. Efforts to Obtain Response from Responsible Parties
- II. ROSTER OF AGENCIES, ORGANIZATIONS AND INDIVIDUALS
 - ORGANIZATION OF THE RESPONSE
 - A. Organization of the Response
 - B. Glossary of Abbreviations
 - C. Roster of Agencies
- III. NARRATIVE OF EVENTS
- IV. RESOURCES COMMITTED
 - A. Initial Funding Request
 - B. Total Cost Summary
- V. EFFECTIVENESS OF THE RESPONSE/REMOVAL
 - A. Activities of the Various Agencies
 - 1. Potential Responsible Party
 - 2. State and Local Forces
 - 3. Federal Agencies
 - 4. Contractors
 - B. Disposal Methods and Quantities Removed
- VI. CHRONOLOGY OF EVENTS
- VII. PROBLEMS ENCOUNTERED AND RECOMMENDATIONS

APPENDICES

- A. Location Map/Site Sketches
- B. Funding Request
- C. Spill Report
- D. Site Safety Protocol
- E. Analytical Information
- F. Photographic Documentation
- G. Polreps
- H. Delivery Orders, Contracts
- I. Manifests

100002

FACTS SHEET
CERCLA IMMEDIATE REMOVAL

PROJECT #167
FACTS SHEET

SITE: Sasser Electric Company Drum Site

SIZE: Approximately 1/4 acre

LOCATION: Mt. Hope, Fayette County, WV

ACTIVATION/APPROVAL DATE: May 26, 1987

PROJECT DATES: May 26, 1987 through April 13, 1988

DESCRIPTION: The results of a TSCA investigation of the bankrupt, former Sasser Electric Company (presently Williams Body Shop) on Main Street in Mt. Hope, WV revealed 249 ppm PCB in oil leaking from a publicly accessible drum. OSC Wilmoth activated under CERCLA Section 14-1-A, Delegation of Authority to mitigate the threat to human health. The leaking drum and other suspicious oil containers were removed in addition to contaminated soil and concrete.

HAZARDOUS MATERIAL: Polychlorinated Biphenyl (PCB)

QUANTITIES REMOVED: 12 drums waste PCB-contaminated materials, 1 drum nonhazardous solid waste.

ON-SCENE COORDINATOR: Benton M. Wilmoth

REMOVAL CONTRACTOR: O.H. Materials Company
AMO Pollution Services, Inc.

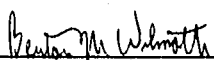
DISPOSAL LOCATION: Chem Waste Management, Emelle, Alabama

PROJECT CEILING: \$50,000.00

PROJECT COST: \$32,323.92 (Estimated)

COMMENTS: The thirteen drums were removed from the site to AMO Pollution Services' licensed TSD facility until disposal approval.

AMO Pollution Services, Inc. performed the actual site work under subcontract to the ERCS contractor, O.H. Materials.


Benton M. Wilmoth, OSC
U.S. EPA - Region III
Wheeling, West Virginia

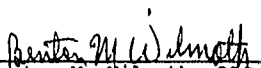
100003

FOREWORD

The OSC, as mandated in the National Oil and Hazardous Substances Contingency Plan (NCP), is required to provide a coordinated Federal response capability at the scene of a sudden discharge of oil or hazardous substance that poses an imminent and substantial threat to the public health and/or the environment. In addition, the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) promote a coordinated Federal, State and local response to mitigate situations at hazardous waste sites which pose an imminent and substantial hazard to public health and/or the environment.

The direct content and ingestion threats posed to nearby residents by the spillage of hazardous material at the unsecured site necessitated an emergency response action to abate the threats. Thus, the provisions of the NCP and CERCLA were implemented by the U.S. Environmental Protection Agency, Region III, Philadelphia, Pennsylvania.

The overall success of this response would not have been possible were it not for the cooperation received from the West Virginia Department of Natural Resources and EPA Office of Public Affairs. I would like to commend these agencies for their efforts and professional handling of this pollution incident.


Benton M. Wilmoth, OSC
U.S. EPA - Region III
Wheeling, West Virginia

100004

INTRODUCTION

A. Nature of the Site/Initial Situation

Toxic Substance Control Act (TSCA) Inspector David Bartow performed an inspection of the bankrupt Sasser Electric Company property (presently the Williams Body Shop) at which time two drums and other small containers were sampled. Analysis of one of these drums revealed Polychlorinated Biphenyl (PCB) in concentration of 249 ppm. The drum was found staged on an outdoor loading dock, exposed to the weather and directly accessible to the public. This drum had been punctured and had leaked an unknown amount of its contents, contaminating approximately twenty square feet of concrete paving.

TSCA Inspector Bartow contacted EPA Region III on May 26, 1987 and explained to On-Scene Coordinator (OSC) Benton Wilmoth that materials sampled at the Williams Body Shop, formerly Sasser Electric Company, in Mt. Hope, WV had been analyzed by EPA Region III Central Regional Laboratory to contain hazardous concentrations of PCB. The bankrupt former Sasser Electric Company had deliberately left containers of PCB oil at the site. A child was exposed to the contamination when he used the leaking oil to lubricate his bicycle chain. The extent of injuries to the child, if any, was unknown.

Section 104 of CERCLA calls for the initiation of immediate removal where there is a threat of release of a hazardous substance which may present an imminent and substantial threat to public health or welfare. OSC Wilmoth determined that this site posed an emergency situation due to the threat to human health. Therefore, on May 26, 1987, OSC Wilmoth used the Delegation of Authority 14-1-A (4/08/86), which authorizes an OSC to approve the use of CERCLA funds for a total cost up to \$50,000.

The OSC then issued Delivery Order #6893-03-120 to ERCS for \$30,000 for emergency removal to mitigate the immediate threat and to further characterize the site.

Additional detailed information is included in the various appendices to this report.

B. Site Location

The Sasser Electric Company Drum Site was located in Mt. Hope, Fayette County, West Virginia. The spill occurred at 420 Main street in Mt. Hope, which is the present site of Williams Body Shop.

Site location maps and sketches are included as Appendix A of this report.

100005

C. Efforts to Obtain Response from Responsible Parties

The former Sasser Electric Company had gone bankrupt and had deliberately left containers of PCB oil on the property. On May 27, 1987, OSC Benton Wilmoth contacted CERCLA Removal Enforcement Chief Mary Letzkus and requested assistance in researching and contacting Potential Responsible Parties (PRP). No PRP could be identified, therefore, the OSC initiated this CERCLA Immediate Removal.

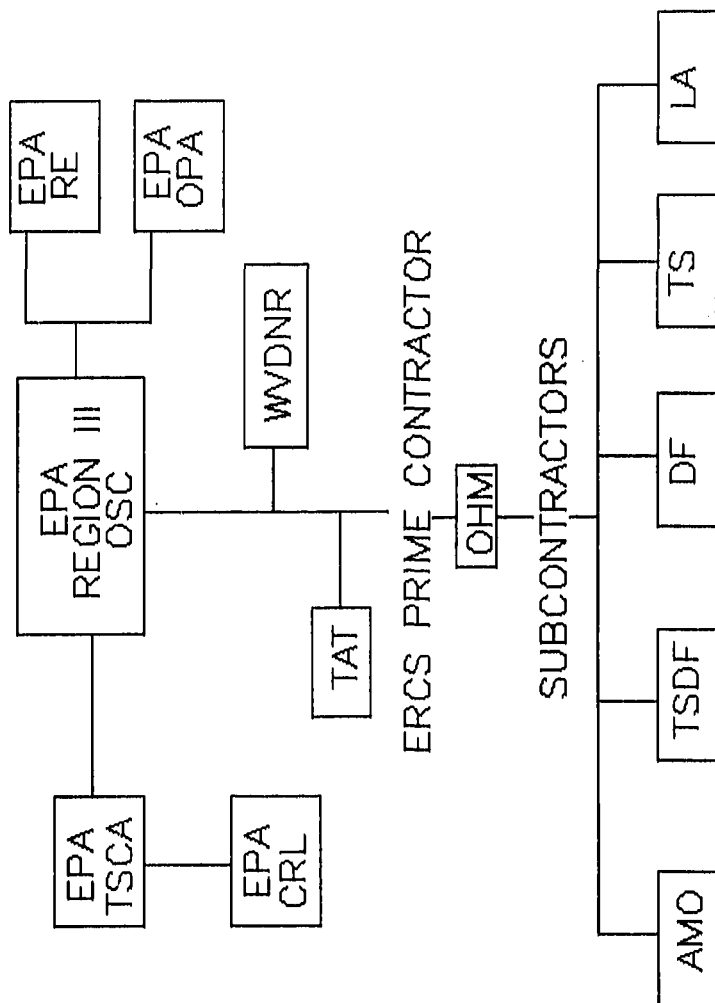
100006

SECTION II

ROSTER OF AGENCIES, ORGANIZATION AND INDIVIDUALS

100007

SASSER ELECTRIC COMPANY DRUM SITE
ORGANIZATION OF THE RESPONSE



100008

GLOSSARY OF ABBREVIATIONS
ORGANIZATION OF THE RESPONSE

AMO	AMO Pollution Services, Inc.
CRL	Central Regional Laboratory
DF	Disposal Facility
EPA	US Environmental Protection Agency
ERCS	Emergency Response and Cleanup Services
LA	Laboratory Analysis
OHM	O.H. Materials Company
OPA	Office of Public Affairs
OSC	On-Scene Coordinator
RE	Removal Enforcement
TAT	Roy F. Weston Technical Assistance Team
TS	Transportation Services
TSCA	Toxic Substance Control Act
TSDF	Temporary Storage Depot Facility
WVDNR	West Virginia Department of Natural Resources

100009

ROSTER OF AGENCIES, ORGANIZATION AND INDIVIDUALS - Sasser Electric Company Drum Site

Agencies and Addresses	Contact	Description of Duties
U.S. Environmental Protection Agency - Region III Emergency Response Section 303 Methodist Building Wheeling, WV 26003 (304) 233-2336	Benton Wilmoth Phillip Younis	On-Scene Coordinator (OSC): directed immediate removal operations and coordinated intramural and extramural activities.
Toxic Substance Control Act (TSCA) 841 Chestnut Building Philadelphia, PA 19107 (215)	David Bartow	Performed initial site inspection which included sampling and analysis; referred the site to the OSC for removal consideration.
U.S. Environmental Protection Agency - Region III Office of Public Affairs 841 Chestnut Building Philadelphia, PA 19107 (215)	Harold Yates Ann Cardinal	Coordinated media and community concerns.
U.S. Environmental Protection Agency - Region III CERCLA Removal Enforcement 841 Chestnut Building Philadelphia, PA 19107 (215)	Mary Letzkus	Assisted the OSC in the research and identification of potential responsible parties.
U.S. Environmental Protection Agency - Region III Central Regional Laboratory 839 Bestgate Road Annapolis, MD 21401 (301) 224-2740	Rick Dreisch	Performed initial PCB analysis on site samples.

100010

ROSTER OF AGENCIES, ORGANIZATION AND INDIVIDUALS - Sasser Electric Company Drum Site

Agencies and Addresses	Contact	Description of Duties
West Virginia Department of Natural Resources Division of Solid Waste Management 1201 Greenbriar Street Charleston, WV 25311 (304) 345-5929	Penny Brown Pamela Hayes	Assisted the OSC with on-scene public relations and state concerns.
Roy F. Weston, Inc./SPER Division 1025 Main Street, Suite 436 Wheeling, WV 26003 (304) 233-1610	John DeMelas Michael Havelka Paul Ludwig Michael Mazelon	Technical Assistance Team (TAT), provided technical, administrative and documentary support to the OSC.
O.H. Materials Company P.O. Box 551 Findlay, OH 45838 (800) 537-8540	John Copus Robert Ohneck	ERCS prime removal contractor.
AMO Pollution Services, Inc. R. D. #2, Box 311B Canonsburg, PA 15317 (412) 921-8486	Robert Garza Joseph Porco	ERCS subcontractor which performed actual removal activities. AMO Temporary Storage Depot (TSD) facility was used until a final disposal location was located for the drum.
A & S Environmental Testing, Inc. P.O. Box 130 Temple, PA 19560 (215) 926-6602	Craig Achenbach	Performed extent-of-contamination analysis for PCB.
		Disposal facility for the PCB material removed from the site.

NARRATIVE OF EVENTS

In late April and early May of 1987, Toxic Substance Control Act (TSCA) Inspector David Bartow performed an inspection in accordance with the National Contingency Plan (NCP). The inspection included sampling of several containers left at the Williams Body Shop, formerly the Sasser Electric Company, at 420 Main Street in Mt. Hope, Fayette County, West Virginia. The samples taken at the site of the bankrupt Sasser Electric Company were sent to the US EPA Region III Central Regional Laboratory in Annapolis, Maryland for Polychlorinated Biphenyl (PCB) analysis. Analysis of a sample obtained from a leaking drum revealed PCB in concentration of 249 parts per million (ppm). This drum was located in a publicly accessible area and had leaked an unknown amount of its contents onto the concrete pad at the facility.

TSCA Inspector Bartow contacted US EPA Region III in Wheeling, West Virginia on May 26, 1987 to report his findings. Emergency Response Section On-Scene Coordinator (OSC) Benton Wilmoth determined that this situation presented an imminent and substantial threat to human health and welfare.

Since the conditions at the Sasser Electric Company Drum Site met the NCP Section 300.65 criteria for an immediate removal, the OSC used the Delegation of Authority 14-1-A (4/08/86) which authorizes an OSC to approve CERCLA monies up to \$50,000 to mitigate threats to human health and welfare. On May 26, 1987, the OSC issued delivery order 6893-03-120 to ERCS in the amount of \$30,000. The ERCS contractor, O.H. Materials Company dispatched AMO Pollution Services, Inc. to the removal site.

The scope of work of the Sasser Electric Company Drum Site included:

- 1) overpacking the leaking drum of PCB oil.
- 2) sampling other on-site containers for contents identification.
- 3) sampling the concrete pad and stained soils to determine the extent of PCB contamination.
- 4) removing the overpacked drum to a licensed Temporary Storage Depot (TSD) facility.
- 5) final disposal of the PCB waste.

On May 27, 1987, OSC Wilmoth contacted CERCLA Removal Enforcement Chief Mary Letzkus and requested assistance in researching and contacting Potential Responsible Parties (PRP). Besides the bankrupt Sasser Electric Company, no other PRP could be identified.

AMO Pollution Services mobilized to the site on May 28, 1987. Removal activities began May 29, 1987. The leaking PCB drum and two other containers of suspicious contents were

100012

overpacked. One drum of suspected PCB-contaminated trash and two drums of contaminated clothing and decontamination water were also removed. Approximately ten cubic feet of PCB-contaminated concrete were removed in addition to stained soils. The excavated concrete area was repaved. Samples were obtained for disposal and extent-of-contamination analysis of the suspected contaminated materials which were moved from the site to AMO's TSD facility.

EPA Junior OSC Phillip Younis was on scene to oversee activities and respond to concerned residents and media interests. The samples of stained areas in and around Williams Body Shop were obtained by Technical Assistance Team (TAT) personnel and sent to the EPA Region III Central Regional Laboratory (CRL) for analysis.

OSC Wilmoth visited the site on June 7, 1987 and met with the property owner Calvin Williams to clarify EPA's objectives at the site. The OSC directed TAT to obtain a seven-day turnaround from June 8, 1987 for the samples taken on May 29, 1987. The seven-day turnaround for analysis could not be met by CRL, so the samples were relinquished back to TAT personnel and sent to A & S Environmental Testing, Inc. through the ERCS contractor.

The OSC also coordinated with EPA Office of Public Affairs (OPA) personnel due to the high media interest and public concern.

The extent-of-contamination analyses were received by the OSC on June 15, 1987. All areas sampled were below the 50 ppm of PCB action level except for one sample location inside the building which was reported at 64 ppm PCB and required removal. OSC Wilmoth remobilized ERCS to the site on June 29, 1987. Removal activities resumed on June 29, 1987 with the decontamination of PCB oil stains with kerosene. EPA OPA was on scene to assist the OSC with media and community concerns. The removal continued with acid cleansing of the PCB oil-stained areas with muriatic acid followed by decontamination with kerosene. Four additional drums of hazardous material and one drum of nonhazardous solid waste was transported to the AMO TSD facility on June 30, 1987 pending final disposal. TAT collected Quality Assurance (QA) samples of the decontaminated areas on June 30, 1987, which were sent to A & S Environmental Testing, Inc. for analysis.

RESOURCES COMMITTED

A. Initial Funding Request

The results of a Toxic Substance Control Act (TSCA) investigation were forwarded to EPA Region III, Wheeling, West Virginia on May 26, 1987. One drum containing 249 parts per million (ppm) of Polychlorinated Biphenyl (PCB) in oil was leaking its contents onto a concrete pad which was accessible to the public. At least one person was exposed to the hazardous substance. The drum and several other containers of unknown oil were found on the premises of the Williams Body Shop, the site of the bankrupt former Sasser Electric Company, at 420 Main Street, Mt. Hope, Fayette County, West Virginia. The potential for human contact with the hazardous substance in the urban/residential neighborhood was very high.

EPA On-Scene Coordinator (OSC) Benton Wilmoth determined that the site posed an immediate threat to the surrounding population and represented an emergency situation. OSC Wilmoth, therefore, activated under CERCLA Section 14-1-A, Delegation of Authority, for \$50,000.

On May 26, 1987, the OSC issued a \$30,000 delivery order to ERCS. The breakdown of the \$50,000 CERCLA activation is as follows:

EPA	\$ 1,000
TAT	10,500
ERCS	30,000
15%: EPA HQ	7,500

TOTAL	\$ 50,000

B. Total Cost Summary

I. Extramural	
A. ERCS Contractor	
1. Personnel	\$ 6,563.99
2. Equipment	1,844.79
3. Materials	1,277.50
4. Subcontractors	
a. Laboratory Analysis	2,518.56
b. Transportation	1,509.30
c. Temporary Storage	2,376.00
d. Disposal	2,344.86

ERCS Subtotal	\$ 18,435.00
B. Technical Assistance Team	
	\$ 9,196.76
Extramural Subtotal	\$ 27,631.76
II. Intramural	
A. EPA	\$ 476.00
Intramural Indirect	\$ 4,216.16

Intramural Subtotal	\$ 4,692.16
TOTAL PROJECT COST:	\$ 32,323.92

100014

EFFECTIVENESS OF THE RESPONSE/REMOVAL

A. Activities of the Various Agencies

1. Potential Responsible Parties

Subsequent to the bankruptcy of the Sasser Electric Company, containers of PCB oil were deliberately left on the premises at 420 Main Street, Mt. Hope, West Virginia. The property was later purchased by Calvin Williams and converted to the Williams' Body Shop.

A search conducted by the OSC and CERCLA Removal Enforcement personnel revealed no additional identifiable potential responsible parties. Therefore, the removal was conducted under CERCLA funding.

2. State and Local Forces

West Virginia Department of Natural Resources was contacted by the OSC to provide on-scene assistance regarding state hazardous waste concerns and public relations.

3. Federal Agencies

The US Environmental Protection agency Region III conducted the removal at the Sasser Electric Company Drum Site. Benton Wilmoth served as On-Scene Coordinator (OSC) for this project, assisted by Junior OSC Phillip Younis. The OSC was responsible for the overall coordination of the removal activities and success of the project.

The US EPA Region III Office of Public Affairs assisted the OSC in addressing media and community interests and concerns.

The US EPA Toxic Substance Control Act (TSCA) Branch conducted an initial investigation of the site and reported its findings to the OSC.

4. Contractors

The Spill Prevention and Emergency Response (SPER) Division of Roy F. Weston, Inc. provided Technical Assistance Team (TAT). The TAT provided support to the OSC in document drafting, cost estimation and tracking, documentation of site activities, contractor monitoring, site safety monitoring and sampling.

O.H. Materials Company was the ERCS contractor. AMO Pollution Services performed the actual removal activities at the site. The ERCS contractor(s) excavated, sampled and disposed of the contaminated materials found on site.

100015

B. Disposal Methods and Quantities Removed

Based on the findings reported by TSCA, the leaking drum containing known PCB was overpacked. Two other containers of suspicious oil were also overpacked. A trash drum which was believed to once contain PCB oil was also overpacked.

The area of concrete on which the PCB oil leaked was excavated. Areas of stained soil were also excavated. The contaminated concrete and soil were drummed and the excavated concrete area was repaved by hand.

Protective clothing work during the removal activities were drummed with the decontamination wash water. These eight drums were sampled for disposal analysis and removed to temporary storage on May 29, 1987 pending final disposal.

On May 29, 1987, extent-of-contamination samples were obtained from stained areas of concrete and soil in and around the Williams Body Shop building. The results of the sample analysis revealed the need to continue the removal activity. An oil-stained area inside the building was determined to contain 64 ppm PCB, exceeding the 50 ppm action level. The contaminated area was cleansed using acid etching with muriatic acid then decontaminated using kerosene and sorbent pads. The contaminated materials were then placed into four drums, sampled for disposal analysis and entered into temporary storage on June 30, 1987. The decontaminated area was then resampled to determine whether further action was necessary.

A summary of materials removed is as follows:

<u>Date</u>	<u>Manifest</u>	<u>Quantity</u>	<u>Description</u>
5/29/87	PAB3319680	4 drums	Waste PCB Solid: (2) excavated concrete and soil; (1) contaminated trash; (1) contaminated clothing.
		4 drums	Waste PCB Liquid: (1) overpacked known PCB oil drum; (2) overpacked suspect oil containers; (1) drum decontamination wash water.
6/30/87	PAB01337335	1 drum	Waste PCB 3620 solid containing DDT: contaminated soil in broken concrete in corner of building.
		3 drums	Waste Flammable Solid: kerosene-soaked sorbent pads.
		1 drum	Nonhazardous solid waste: protective clothing.

100016

CHRONOLOGY OF EVENTS

May 26, 1987 Toxic Substance Control Act (TSCA) Inspector Bartow notified the US Environmental Protection Agency (US EPA) Region III office in Wheeling, West Virginia of an emergency situation in Mt. Hope, Fayette County, WV. The findings of a TSCA investigation were reported to EPA On-Scene Coordinator (OSC) Benton Wilmoth. Materials were deliberately left on the property of the former Sasser Electric Company at 420 Main Street in Mt. Hope following bankruptcy of the company. Containers at the property, now owner by Calvin Williams of the Williams Body Shop were sampled under the TSCA investigation. Analysis by the EPA Region III Central Regional Laboratory (CRL) revealed a concentration of 249 parts per million (ppm) of Polychlorinated Biphenyl (PCB) in a drum which was leaking its contents onto a publicly accessible concrete pad.

The OSC determined that the site posed an immediate threat to the surrounding population and represented an emergency situation. Therefore, OSC Wilmoth activated under CERCLA Section 14-1-A, Delegation of Authority, for \$50,000. The OSC then issued a \$30,000 delivery order to ERCS.

May 27, 1987 The OSC contacted CERCLA Removal Enforcement Chief May Letzkus and requested assistance in researching and contacting Potential Responsible Parties (PRPs). However, no PRP could be identified and the OSC initiated the removal under CERCLA.

May 28, 1987 ERCS contractor AMO Pollution Services, Inc. mobilized to the site.

May 29, 1987 EPA Junior OSC Phillip Younis was on-scene to oversee the initiation of removal activities. Jr. OSC Younis responded to concerned citizens comments and questions and was interviewed by the local news media.

ERCS overpacked and removed the PCB-containing drum and several other containers of suspicious oil. Approximately ten cubic feet of contaminated concrete was excavated, drummed and removed. The excavated concrete area was repaved by hand. All drums of waste were sampled by ERCS for disposal analysis.

Technical Assistance team (TAT) personnel performed an extent-of-contamination survey by

100017

sampling oil-stained areas inside Williams Body Shop and oil-saturated soil adjacent to the loading dock.

The contaminated materials were transported to AMO's licensed Temporary Storage Depot (TSD) facility in Canonsburg, PA.

June 5, 1987 TAT personnel contacted CRL to arrange for sample analysis for the extent-of-contamination survey.

OSC Wilmoth and Jr. OSC Younis coordinated with EPA Office of Public Affairs (OPA) regarding misleading press information. The OSC contacted property owner Calvin Williams to clarify EPA's removal objectives at the site.

June 7, 1987 OSC Wilmoth inspected the site and met with property owner Williams to discuss the removal.

The OSC briefed OPA concerning the site due to the high media interest and public concern.

The OSC directed TAT to obtain a seven-day turnaround from June 8, 1987 for the samples collected on May 29. TAT personnel contacted CRL to request the seven-day turnaround for analysis or release the samples to TAT.

June 11, 1987 Since CRL could not obtain a seven-day analysis turnaround, the OSC contacted Contract Laboratory Program (CLP) District Project Officer (DPO) Sands to formally direct that the extent-of-contamination samples be released to the OSC and TAT for expedited analysis through ERCS. ERCS obtained A & S Environmental Testing, Inc. for the seven-day turnaround.

June 15, 1987 Extent-of-contamination analysis results were reported to the OSC. Analyses determined the exterior samples to be below the 50 ppm action level and one area inside the building to be 65 ppm which required removal action.

June 22, 1987 The OSC contacted Williams Body Shop owner Calvin Williams to discuss the proposed scope of work planned for the continued EPA removal activities and to reschedule remobilization when Mr. Williams could be present.

The OSC remained in contact with EPA OPA to ensure OPA's on scene assistance in addressing public concern and press interest.

100018

PROBLEMS ENCOUNTERED AND RECOMMENDATIONS

On May 29, 1987, extent-of-contamination samples were obtained by Technical Assistance Team (TAT) personnel. The areas of the site were surveyed to ascertain whether further removal would be necessary. Due to the population-sensitive location of the site, it was imperative to quickly identify any additional contaminated areas and the extent of their contamination.

The samples were to be analyzed through the EPA Region III Central Regional Laboratory (CRL) Contract Laboratory Program (CLP). Analytical results were due on June 15, 1987. On June 8, 1987, it was determined that CRL/CLP could not provide the required turnaround time for analysis and would not relinquish the samples to the TAT despite no bid by CLP. The OSC contacted CLP District Project Officer (DPO) Sands and formally requested that type samples be released to the OSC/TAT for expedited analysis through ERCS. ERCS was then able to obtain a laboratory to provide seven-day analysis turnaround.

It is recommended that in future situations, time be weighed versus cost without compromising data quality. In emergency situations, it may be necessary to obtain expeditious analysis at greater cost. A reasonable time frame should be allowed prior to sample shipment for laboratories under CLP to commit to a turnaround time after which other analytical options, i.e., through ERCS or TAT Special Projects, should be explored.

June 28, 1987 ERCS remobilized to the site to continue removal activities.

June 19, 1987 PCB oil stains identified by extent-of-contamination analysis were decontaminated by kerosene scrubbing and acid etching. Contaminated soil was removed from a broken area of concrete in the corner of the building.

EPA OPA was on scene to assist the OSC in addressing media and public concerns.

TAT conducted Quality Assurance (QA) sampling on decontaminated areas.

June 30, 1987 ERCS completed the removal of all known site contamination. Four drums of hazardous materials and one drum of nonhazardous solid waste were transported to the TSD facility pending final disposal.

The OSC, TAT and ERCS demobilized from the site.

July 13, 1987 QA samples were sent to ERCS laboratory A & S Environmental Testing, Inc., for PCB analysis with a 14-21 day turnaround.

July 23, 1987 The OSC received the QA analytical report which demonstrated that no further removal work was necessary at the Sasser Electric Company Drum Site.

Jan. 29, 1988 ERCS obtained final disposal for the drums in temporary storage.

Feb. 25, 1988 The thirteen drums were disposed of at Chem Waste Management, Emelle, Alabama.

April 13, 1988 The OSC declared the CERCLA removal to be completed.

100020

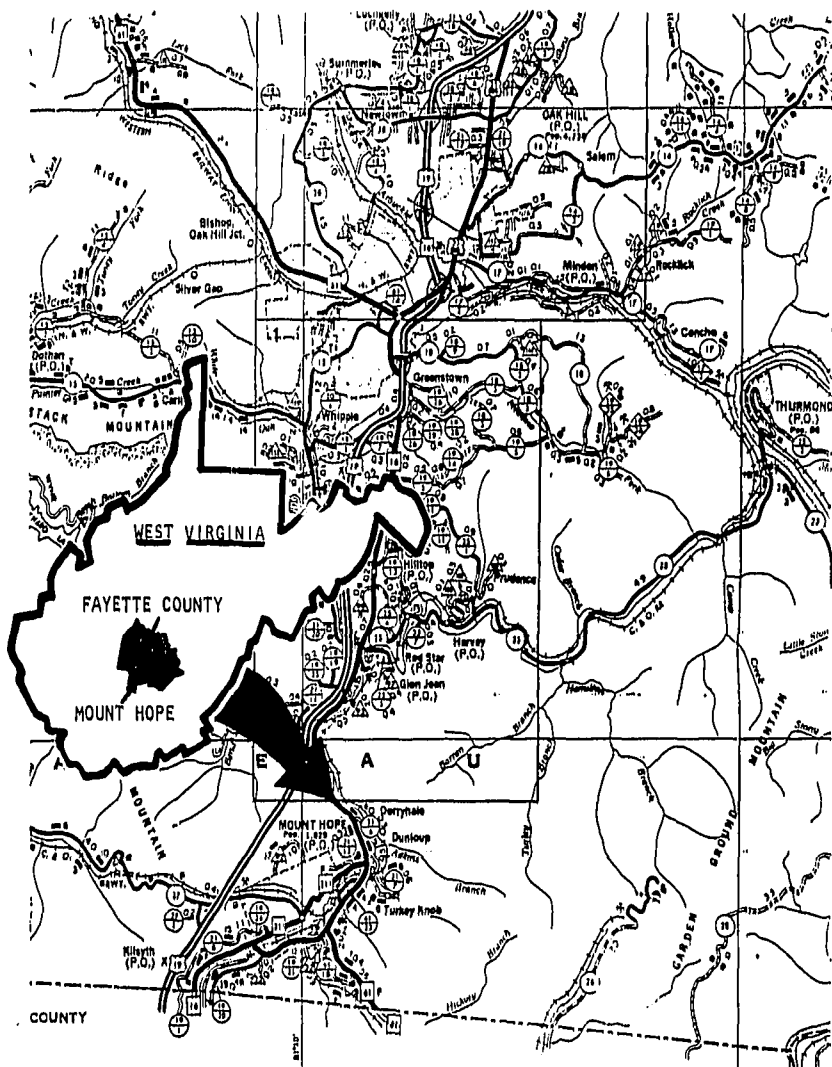
PROBLEMS ENCOUNTERED AND RECOMMENDATIONS

On May 29, 1987, extent-of-contamination samples were obtained by Technical Assistance Team (TAT) personnel. The areas of the site were surveyed to ascertain whether further removal would be necessary. Due to the population-sensitive location of the site, it was imperative to quickly identify any additional contaminated areas and the extent of their contamination.

The samples were to be analyzed through the EPA Region III Central Regional Laboratory (CRL) Contract Laboratory Program (CLP). Analytical results were due on June 15, 1987. On June 8, 1987, it was determined that CRL/CLP could not provide the required turnaround time for analysis and would not relinquish the samples to the TAT despite no bid by CLP. The OSC contacted CLP District Project Officer (DPO) Sands and formally requested that type samples be released to the OSC/TAT for expedited analysis through ERCS. ERCS was then able to obtain a laboratory to provide seven-day analysis turnaround.

It is recommended that in future situations, time be weighed versus cost without compromising data quality. In emergency situations, it may be necessary to obtain expeditious analysis at greater cost. A reasonable time frame should be allowed prior to sample shipment for laboratories under CLP to commit to a turnaround time after which other analytical options, i.e., through ERCS or TAT Special Projects, should be explored.

100021



100022

Figure 1. Site Location Map; Sasser Electric Company Drum Site, Mount Hope, Fayette County, West Virginia.

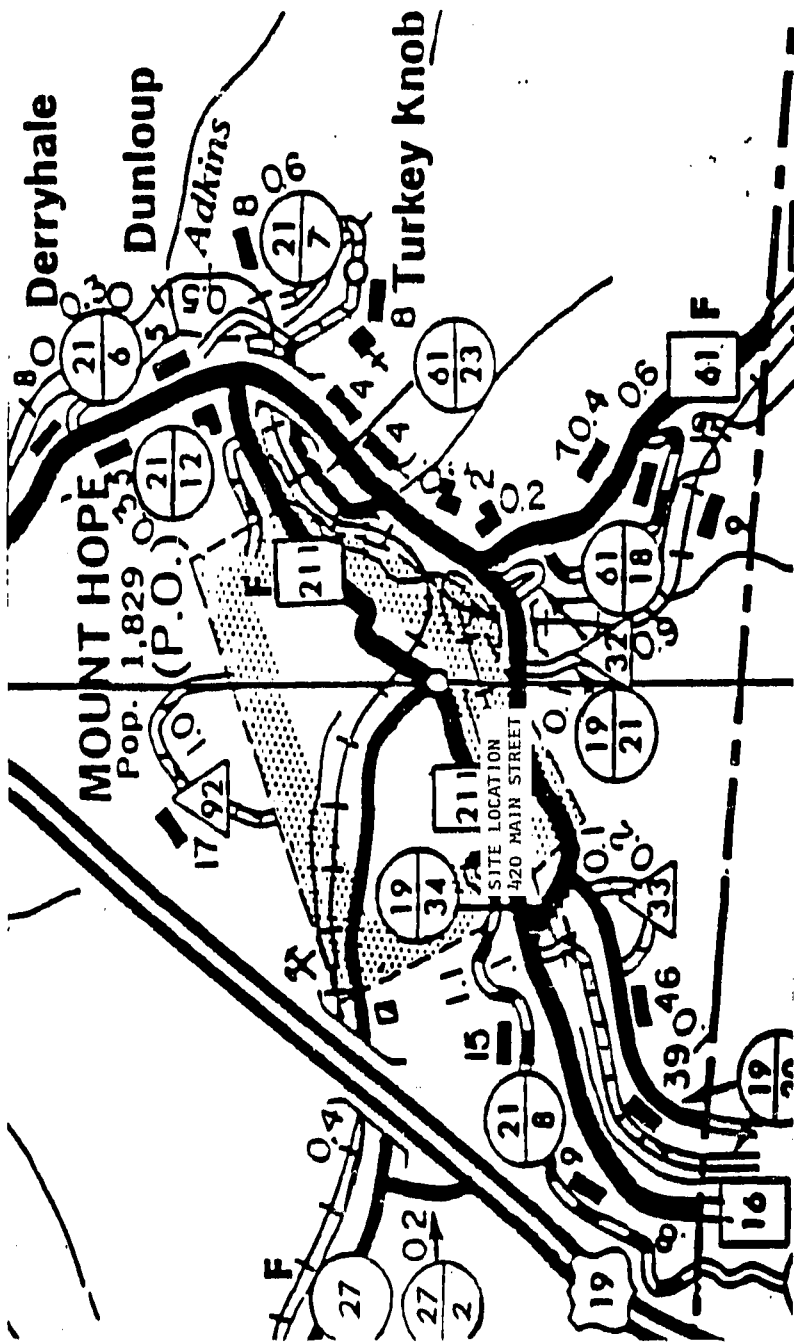
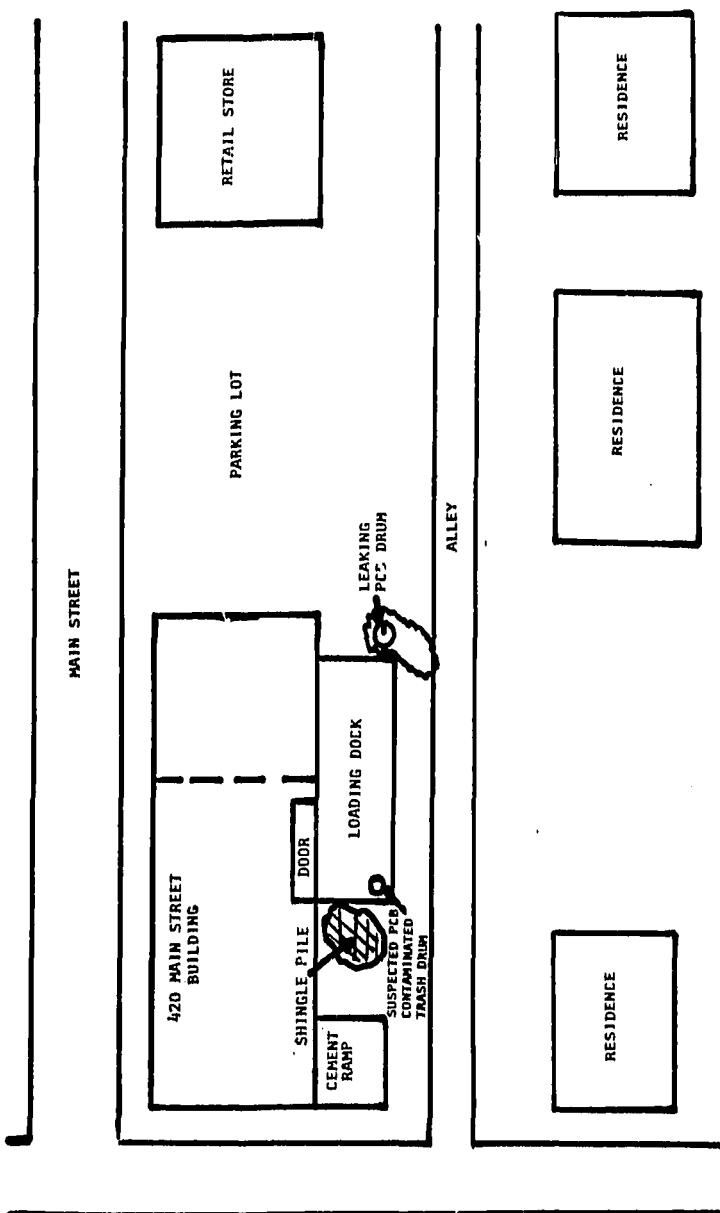


Figure 2. Site location Map. Sasser Electric Company Drum Site, Mount Hope, Fayette County, West Virginia.



100024

Figure 3. Site Sketch; Sasser Electric Company Drum Site, Mount Hope, Fayette County, West Virginia.

5/29/87 SAMPLE LOCATIONS

- 01 SOIL BENEATH SHINGLE PILE
- 02 SHINGLE PILE
- 03 SHINGLE PILE INSIDE BUILDING*
- 04 OIL STAIN ON CONCRETE FLOOR*
- 05 SOIL NEAR CONCRETE RAMP
- 06 BACKGROUND SOIL FROM RESIDENTIAL GARDEN

* AREAS WHICH REQUIRED REMOVAL ACTION
ALSO ON SAMPLE LOCATIONS (6/29/87)

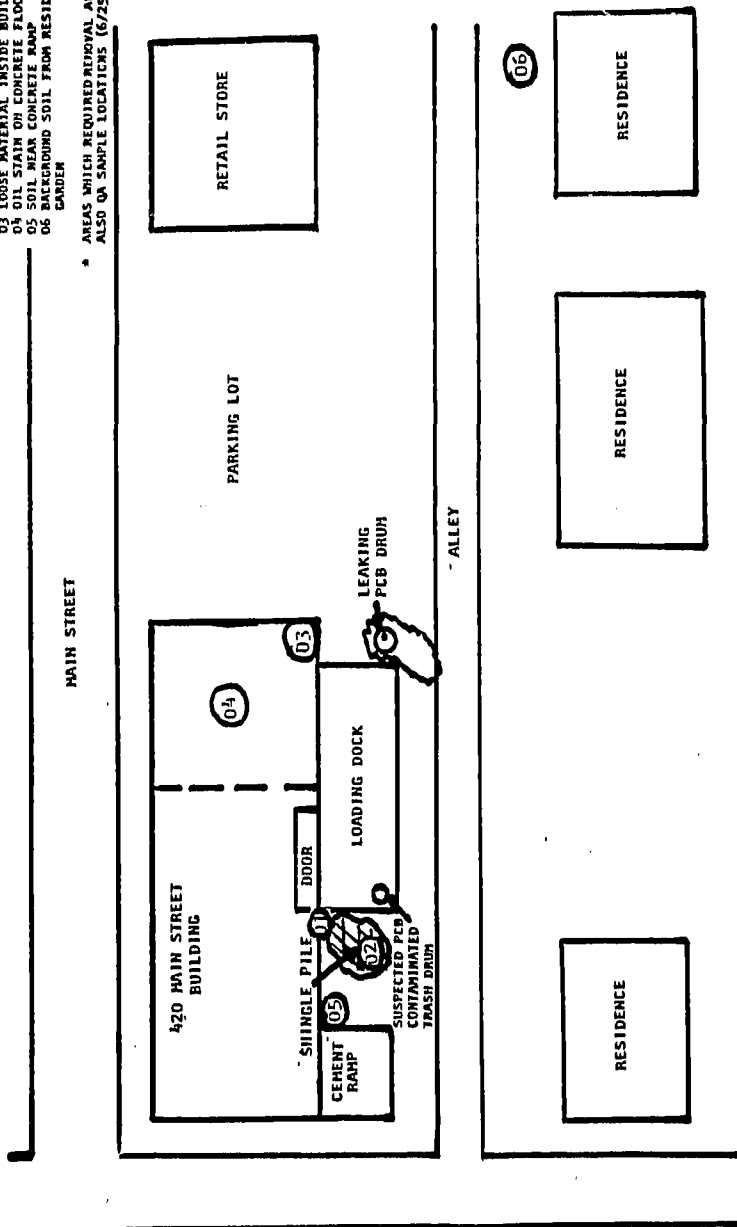


Figure 4. Sample Location Map; Sasser Electric Company Drum Site, Mount Hope, Fayette County, West Virginia.

100025

SPECIAL BULLETIN A
Sasser Electric Company Drum Site
Williams Body Shop
Mt. Hope, Fayette Co., WV

TO: Regional Response Center
U. S. EPA Region III

DATE: May 27, 1987

FROM: Benton M. Wilmoth
On-Scene Coordinator (3HW22)

THRU: Stephen R. Wassersug, Director
Hazardous Waste Management Division (3HW00)

THRU: Thomas Voltaggio, Chief
Superfund Branch (3HW20)

THRU: Thomas I. Massey, Chief
Emergency Response Section (3HW22)

I. INTRODUCTION

An inspection performed by US EPA Toxic Substances Control Act (TOSCA) Inspector Dave Bartow, performed in accordance with the National Contingency Plan, has identified an immediate and significant risk of harm to human health and the environment posed by the presence on this site of Polychlorinated Biphenyls (PCB) in concentrations up to 249 parts per million (PPM). The PCB was found to be leaking from one of two drums on the site. The spilled PCB and the leaking drum were unsecured and accessed by the public.

Section 104 of CERCLA calls for the initiation of immediate removal where there is a threat of a release of a hazardous substance which may present an imminent and substantial danger to public health or welfare.

The Delegation of Authority 14-1-A (4/8/86) authorizes the OSC to approve CERCLA removals with a total cost of less than \$50,000. The OSC, therefore, approved the use of CERCLA funds at this site to mitigate the threat to human health and the environment by securing and removing the hazardous PCB oil to proper storage and disposal.

II. BACKGROUND

The Sasser Electric Company Drum Site is located in Mt. Hope, Fayette County, West Virginia. The spill occurred at 420 Main Street, in Mt. Hope, presently the site of Williams Body Shop. This was the site of the former Sasser Electric Company, which has since gone bankrupt.

100026

SPECIAL BULLETIN A
Sasser Electric Company Drum Site (cont.)

At 1100 hours, May 26, 1987 the EPA Region 3 TOSCA Inspector Dave Bartow notified EPA On-Scene Coordinator Benton Wilmoth that material sampled and analyzed as containing PCB oil was deliberately left at the site. The site had a total of 2 drums and two other smaller containers which were sampled by the Inspector Bartow. The samples were sent to the EPA Central Regional Lab in Annapolis, Maryland for analysis. Analysis revealed the presence of PCB in the contaminated drum.

III. THREAT

PCB is a designated hazardous substance under Section 311 (B) of the Clean Water Act, and as such is included as a hazardous substance under CERCLA (Section 101[14]).

PCB has been demonstrated to cause cancer in animals and is a suspected human carcinogen. PCB bioaccumulates in human and animal tissue in concentrations greater than exposure levels. PCB can cause liver damage, skin pigmentation, and chloracne. PCB can cross the placenta to the fetus and can increase the levels of certain enzymes found in the liver, lungs, and skin, which in turn can increase the toxicological hazards of other chemicals.

The drum containing the PCB oil leaked an unknown amount of its contents onto the concrete pad at the facility. A child was exposed to the contamination when he used the leaking oil to lubricate his bicycle chain. The OSC does not know the extent of injuries, if any, that may have occurred.

IV. SCOPE OF WORK

The scope of work proposed for implementation with the emergency \$50,000.00 appropriation includes the following: 1) overpacking of the leaking PCB drum; 2) sampling of the other drums in order to determine their contents; 3) sampling of the concrete pad and soils to determine the extent of contamination by PCB; 4) removal of the overpacked PCB drum to a licensed Temporary Storage Facility; 5) final disposal of the PCB waste.

The authorized budget was as follows:

ERCS	30,000
EPA	1,000
TAT	11,500
EPA HQ. (15%)	<u>7,500</u>
TOTAL	50,000

100027

SPECIAL BULLETIN A
Sasser Electric Company Drum Site (cont.)

VI. OSC ACTION

On 5/27/87 the OSC contacted CERCLA Removal Enforcement Chief, Mary Letzkus, and requested assistance in researching and contacting Potential Responsible Parties (PRP). As of this date, no PRP could be identified. Therefore the OSC has initiated this CERCLA Removal.

At 1635 hours on 5/26/87 the OSC issued Delivery Order #6893-03-120 to ERCS in the amount of \$30,000.00, to used for emergency removal in order to mitigate the immediate threat and to further characterize the site.

Because the conditions at the Sasser Electric Company Drum Site meets the NCP Section 300.65 criteria for an immediate removal, the OSC has approved this immediate removal action.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, WV

100028

INCOMING SPILL REPORT

RECEIVED BY:	RRC _____ Date _____ Time _____ WFO <u>BW</u> Date <u>5-26-87</u> Time <u>1100</u>	Case No: WFO _____ RRC _____ Investigator: _____
REPORTED TO RRC BY:	Name <u>Calvin Williams and</u> <u>Walter Barton EPA TSCA Inspector</u> Organization <u>Williams Radio Shop</u> Address <u>Mt. Hope, WV</u> <u>304-877-3382 (shop)</u> <u>304-445-0239 (home)</u> Telephone _____	
SPILLER:	Name <u>Sasser Electric Company (Bankrupt)</u> <u>420 Main St.</u> Address <u>Mt. Hope, W. V.</u> Telephone _____ <u>Pete Sasser owner</u> <u>Bankrupt</u>	
LOCATION:	State <u>WV</u> County <u>Fayette</u> City <u>Mt Hope</u> Stream _____ Directions _____	
SPILL DATA:	Date <u>6-27-87</u> Time <u>1200</u> Material <u>oil / PCB (249 ppm P.B.)</u> Quantity <u>55 gal drum</u> Source <u>hasky Electric Co. wrote</u> <u>left on site from</u> Cause <u>Bankruptcy</u> Containment <u>none - drum leaking at top</u> Cleanup <u>none</u> <u>100029</u>	

SITE/SAFETY PROTOCOL
Sasser Electric Company Drum Site
Mt. Hope, Fayette County, West Virginia

GENERAL

This protocol addresses the safety procedures that will be followed by any and all personnel visiting the site or involved in the CERCLA removal activity at the Mt. Hope Site. All personnel entering the site shall read and sign this safety plan. The protocol will remain in effect until the OSC certifies that the activity is terminated. It does not supercede any Federal OSHA or state or local regulations but is in addition to them. In the event of a conflict between this protocol and a regulation, the more stringent of the two will be in force.

Since data available at the present time does not allow a complete characterization of the barrelled waste on the site, levels of protection for personnel will be set in accordance with the hazard of the job function and location on-site as indicated on the attached diagram.

Respiratory Protection Program

All contractor and governmental personnel involved in on-site activities shall have a written respiratory protection program and prove that they are physically fit to wear a respirator. All personnel wearing air-purifying respirators on-site are required to be fit tested, while those wearing pressure-demand self-containing breathing apparatus or air-line apparatus, must be properly trained and experienced in their use. All respiratory protection equipment is to be properly decontaminated at the end of each workday.

Persons having beards or facial hair must not wear a respirator.

Training and Medical Monitoring Program

Personnel will have both formal training and on-the-job training, in accordance with OSHA regulations, for those tasks they are assigned to perform on the active site. All unfamiliar activities will be rehearsed beforehand.

All contractor and governmental personnel who are exposed to hazardous levels of chemicals shall prove that they are enrolled in a medical monitoring program.

100030

Sasser Electric Company Drum Site
Mt. Hope, Fayette County, West Virginia

Page 2

General Safety Rules and Equipment

- a. There will be no eating, drinking or smoking in the Exclusion Area or hot side of the Contamination Reduction Area.
- b. All personnel must pass through the Contamination Reduction Area to enter the Exclusion Area.
- c. An emergency eye wash will be on the hot side of the Contamination Reduction Area.
- d. As a minimum, an emergency deluge shower/spray can is to be located on the clean side of the Contamination Reduction Area.
- e. At the end of the work, all personnel working in the Exclusion Area shall take a hygienic shower.
- f. All supplied breathing air shall be certified as Grade D or better.
- g. Where practical, all tools/equipment will be spark proof, explosion resistant and/or bonded and grounded.
- h. Fire extinguishers will be on-site for equipment or personnel fires only.
- i. A first-aid kit will be on-scene at all times during operational hours. An oxygen inhalator respirator will be available. The location of these items on-site will be posted.
- j. Persons having beards or facial hair must not wear respirators.
- k. No work will be performed in the exclusion area during hours of darkness as determined by the site safety officer.

Morning Safety Meeting

A morning safety meeting will be conducted each day for all site personnel who sign a daily attendance sheet. The safety procedures, evacuation procedures, and escape procedures, as well as the day's planned operations, should be discussed.

100031

Sasser Electric Company Drum Site
Mt. Hope, Fayette Co., West Virginia

Page 3

CONTROL-AT THE SITE

Access to the site will be restricted by a site security officer and banner guard installed during the immediate removal phase at this site and exit from the site shall be through the gate in the Contamination Reduction Area except in a life-threatening emergency.

All persons entering the site shall sign in and out at the OSC command post or with the site security officer.

DESIGNATION OF WORK AREAS AT THE SITE

The entire site will be divided into three areas: (1) Exclusion Area which known to be or have a potential for becoming contaminated; (2) the Contamination Reduction Area where decontamination of personnel and equipment exiting the Exclusion Area is performed; (3) the Support Area which is not contaminated.

The Exclusion Area (EA)

At the Sasser Electric Co. Drum Site, the Exclusion Area shall initially include all areas inside the banner guard.

The Contamination Reduction Area (CRA)

At the Sasser Electric Co. Drum Site, the Contamination Reduction Area will be located immediately outside the Exclusion area and will be delineated by roped off area.

The Support Area (SA)

At the Sasser Electric Co. Drum Site, the Support Area will be the area outside the Exclusion Area and Contamination Reduction Area.

Changes in Designation of Work-Areas

As work progress on-side, the OSC may determine that an area previously designed an EA is no longer classified in that manner. It is not intended, however, to change the designation of the CRA since this may involve the movement of the decontamination facilities and added expense.

SAFETY PROCEDURES AND LEVELS OF PROTECTION

Exclusion Area

1. All personnel shall enter and exit the Exclusion Area through the Contamination Reduction Area.
2. Emergency escape routes from the Exclusion Area will be established and reviewed as appropriate at each morning safety meeting.

100032

Sasser Electric Co. Drum Site
Mt. Hope, Fayette Co., West Virginia

Page 4

SAFETY PROCEDURES AND LEVELS OF PROTECTION (continued)

Exclusion Area

3. All personnel in the Exclusion Area shall use the protective equipment designed for their job function but in no case shall less than LEVEL C be used.
4. Personnel performing the following job functions in the Exclusion Area will utilize the designed level of protection equipment.

Contamination Reduction Area

1. Personnel and equipment decontamination will be performed in Level C.
2. All personnel entering the CRA will utilize a minimum of Level C protection.
3. All personnel entering the CRA must decontaminate which will be performed in Level C.
4. All equipment entering the CRA must be decontaminated prior to leaving the CRA.

Support Area

1. No contaminated equipment or personnel may enter the Support Area.
2. Except in the case of a release of a Toxic vapor, Level D will be appropriate for all personnel in the Support Area.

Prime Contractor

1. Barrel opening, sampling, and overpacking will be performed in Level B. This applies to anyone involved, including equipment operators.

DECONTAMINATION PROTOCOL

All equipment and personnel entering the site must be thoroughly decontaminated prior to leaving the site. Since there are various protocol and equipment available for this purpose, the OSC will determine if the proposed decontamination techniques are applicable. Such determinations will be made on a day-to-day basis as on-site operations dictate.

100033

Sasser Electric Co. Drum Site
Mt. Hope, Fayette Co., West Virginia

Page 5

EMERGENCY PROCEDURES

In the event of a medical or other emergency, the OSC or his designee will notify the appropriate authority. The following list of phone numbers will be posted prominently at each telephone on-site:

1. Fire (304) 877-2488
2. Ambulance (304) 877-5111
3. Police (304) 877-6661
4. Federal Government (215) 597-9898
5. EPA Environmental Response Team (201) 321-6649
6. Hospitals PLATEAU MEDICAL CENTER
OAK HILL, WEST VIRGINIA
(304) 465-0551

100034

Sasser Electric Company Drum Site
Site Safety Plan

Name	Organization	Date
James A. Harkins	Western / S. DER - TAT-12	05/29/87
Paul A. L. Smith	" " "	05/24/87
Michael Russell	" "	05/24/87
Tom Brown	WV DNR Waste Mgmt Div.	5/29/87
W. H. Harkins	USEPA	5/29/87
Mike Harkins	Western TAT	5/29/87
James A. Harkins	USEPA	5/29/87
James A. Smith	USEPA / EPA	5/24/87
Steven Harkins	USEPA / EPA	5/24/87
Paul A. L. Smith	USEPA / EPA	5/24/87

100035

WESTON SPER DIVISION
HAZARDOUS WASTE SITE INVESTIGATION AND EMERGENCY RESPONSE
HEALTH AND SAFETY PLAN

Assignor: Benton Wilmoth REGION 3
Date of Inspection: May 24, 1987 Time: 09:41-1430 TDD No. 8705-35
Original Safety Plan: Yes X No Modification No.

Site Name: Sessen Electric Company PCB Site

Site Address: Street No. Main St. (Williams Body Shop)
City MT Hope
County Fayette Co
State West Virginia Zip Code

Site Contact: Mr. Williams Phone (304) 877-3382

Directions to Site:

Map Attached: Yes No X

If Remote Location: Latitude Longitude

SITE HISTORY: Former Electric Company now the site of Williams Body Shop. Drums on site down for 21/2 yrs. Tank was sampled by TSDA inspection analysis showed 250 PPM PCB. Drums leaking.

INCIDENT DESCRIPTION

TYPE: A) Spill X Air Release Fire HW site X Other
B) Assessment X Sampling X Emergency Response
Clean-up/Removal X Other (specify)
C) Urban/Residential X Commercial X Industrial
Rural Remote

PHYSICAL DESCRIPTION

Size of Site: 1/4 Acre Terrain: Flat Weather: warm & sunny

Containers Involved in the Release or Incident

Drums X No. 3 Tanks No.

Truck License No. Tanker Box

Railroad Car Tank No. Box No.

Spill X Source Drums leaked from Hole Approximate Volume 10 gal.

Other small containers were overpacked

100036

MATERIALS INVOLVED:

Name	TLV	IDLH	Overexposure Symptoms
<u>Trichloroethylene</u>	<u>100 ppm</u>	<u>NA</u>	<u>Chloroacne, liver damage,</u>
<u>Triphenyl</u>			<u>Jaundice, drowsiness, nausea,</u>
			<u>Vomiting, weight loss,</u>
			<u>Weakness, poor taste, kidney</u>
			<u>and cardiac edema.</u>

SPECIAL HAZARDS:

ANTICIPATED LEVEL OF PROTECTION (circle one): A B C D

WHY: Known contaminants can be adequately protected
against by level C

FIRST AID INSTRUCTIONS FOR KNOWN CONTAMINANTS: if contacted, flush
with water; if inhaled or ingested, remove from exposure
and give artificial respiration if not breathing, treat for
liver damage

PERSONNEL EXPOSURE HAZARDS: (H=high, M=moderate, L=low, U=unknown)

Inhalation X Skin Contact X Ingestion X Radioactive
Biological Fire Explosion Unknown

PERSONNEL PHYSICAL SAFETY HAZARDS:

Heat X Cold Noise Underground Utilities
Overhead Utilities Heavy Equipment Slip, Trip, Fall X
Sharp Objects Pressurized Airlines X Cylinders X
Ladders Scaffolds Unguarded Openings-Wall, Floor
Liquids in Open Containers, Ponds, Lagoons X

100037

ACTIONS TAKEN ON SITE:

Was Entry Made: YES X NO

Equipment Used: (circle) LEVEL A B (C) D WHY: Known Contaminants
Can be adequately protected by level C

SCBA APR X Model Cart./Can. Type X

Tyvek X Poly Tyvek Saran Tyvek X Acid Suit

Rain Gear Cotton Coveralls

Gloves: Inner X Butyl X Nitrile Viton Other

Foot Gear: Safety Boots X Outer Boots Booties X Other

Description of Decontamination Used: wash [Hand and Hat X] with water
Remove contaminated clothing & dispose,

AIR MONITORING

Performed by:

Instrument Readings: Radiation Meter Bkg CGI

OVA Bkg HNU Bkg Detector Tube

Other

Wind: Speed 0-5 Direction NE Temp. 53.5 Rel. Hum. ? B.P.

Summarize Air Monitoring Data all instruments read Background
only.

SAMPLING

Performed by: TATMs Mazon, Ludwig

Sampling Plan (Y) or N If yes attach copy to safety plan

No. of Samples: Solid 6 Liquid Gas Other

Laboratory:

Has Lab Been Notified of Potential Hazard Level? Yes No

Analyses: PCB

Sampling Comments: Samples collected of oily soil/solids
in and around W. Ham's body shop - one background
sample collected well away from the site and upwind.

100038

DOCUMENTATION

Performed by: TATM's Havelka & DeMelasType: Photo X Log Book X Recorder _____ Video _____

PUBLIC IMPACT

Distance to Nearest: Residence 40' School ? Hospital ?
Public Building 100' Other _____Evacuation: Yes _____ No X Number _____ By Whom: _____

ENVIRONMENTAL IMPACT:

Nearest Waterway: Small unnamed Stream Distance: 110'

Condition	Observed	Potential	None
Surface Water Contamination		<u>X</u>	
Ground Water Contamination		<u>X</u>	
Drinking Water Contamination			<u>X</u>
Air Contamination			<u>X</u>
Soil Contamination	<u>X</u>		
Stressed Vegetation			<u>X</u>
Dead Fish, Other Animals			<u>X</u>

PERSONNEL INVOLVED: (NAME, AGENCY, PHONE, ON or OFF SITE)

SITE MANAGER: Benton Wilmoth, OSCSITE SAFETY COORDINATOR: John DeMelas, TATMHave Read & Understood The
Site Safety Plan (check)

EPA	<u>Benton Wilmoth, OSC</u>	
	<u>Phil Youngs, Jr. USC</u>	<u>✓</u>
TAT	<u>J. DeMelas, TATM</u>	<u>✓</u>
	<u>P. Ludwig, TATM</u>	<u>✓</u>
	<u>M. Mazur, TATM</u>	<u>✓</u>
	<u>M. Havelka, TATM</u>	<u>✓</u>
STATE	<u>Penny Brown, DER</u>	<u>✓</u>
OTHER		

100039

EMERGENCY INFORMATION

EMERGENCY PHONE NUMBERS:

	<u>Location</u>	<u>Phone</u>	<u>Notified (Y/N)</u>
Fire	Hlt Hops.	(304) 877-2488	N
Police		877-6661	N
Ambulance		877-5111	N
Hospital	Platinum Medical Ctr.	465-0551	N
	Oak Hill, WV.		
Nearest Phone			

DIRECTIONS TO HOSPITAL: (ATTACH MAP)

Rt. 19 north ; First Oak Hill
Exit (Poa Bridge) turn left, on
left one block after First Red Light

ADDITIONAL EMERGENCY PHONE CONTACTS:

CHEMTREC	(800) 424-9300
TSCA HOTLINE	(800) 424-9065, (202) 554-1404
CDC	(404) 452-4100 (Day), (404) 329-2888 (Night)
BUREAU OF ALCOHOL, TOBACCO & FIREARMS	(800) 424-9555, (202) 566-7777
NATIONAL RESPONSE CENTER	(800) 424-8802
WESTON MEDICAL EMERGENCY SERVICE	(513) 421-3063
WESTON 24 HOUR HOTLINE	(215) 524-1925, 1926
PESTICIDE INFORMATION SERVICE	(800) 845-7633
EPA ERT EMERGENCY	(201) 321-6660
RCRA HOTLINE	(800) 424-9346
BUR. OF EXPLOSIVES, A.A. RAILWAYS	(202) 835-9500

Prepared by: John Hermelino Date: May 29, 1987
Reviewed by: _____ Date: _____
Approved by: _____ Date: _____

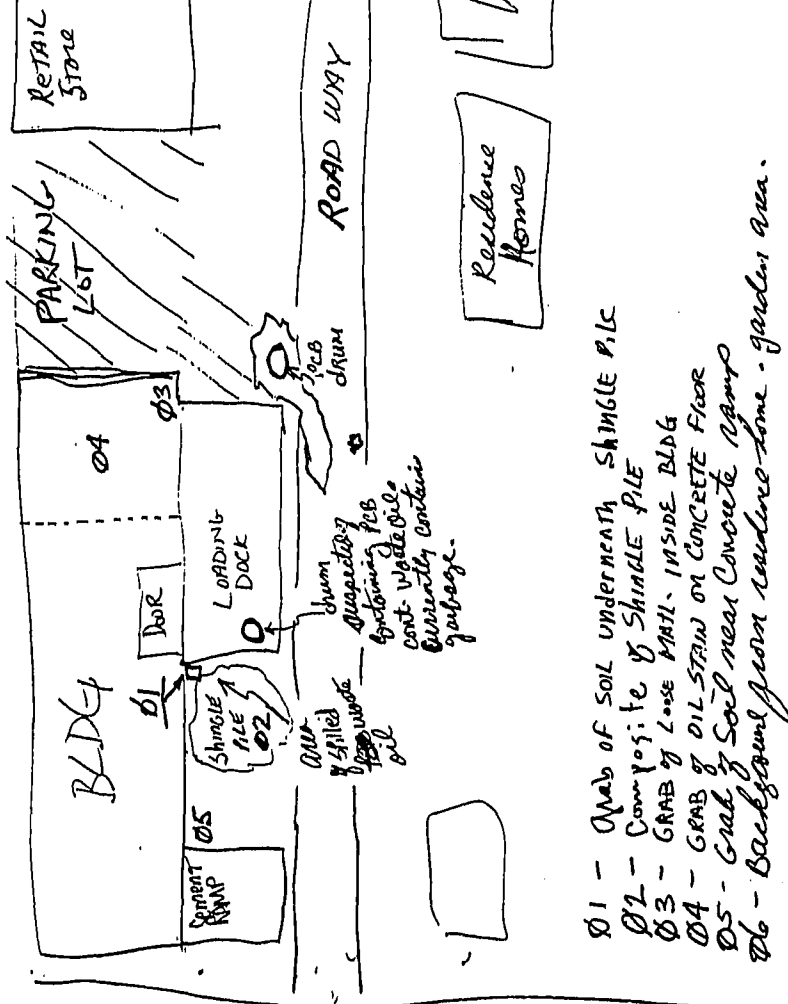
SPER HSO Reviewed by: _____ Date: _____
Followup Required: Yes _____ No _____
Followup Performed: Date: _____ With: _____
Comments: _____

100040



CLIENT/SUBJECT Sasser Electric Co. P.P. Site SHEET of
W.O. NO. 8705-35
TASK DESCRIPTION Sampling Plan TASK NO. 1236
PREPARED BY J. DeMelo DEPT. TAT DATE
MATH CHECK BY DEPT. DATE
METHOD REV. BY DEPT. DATE

APPROVED BY	
DEPT. <u> </u>	DATE <u> </u>



- 01 - Grab of soil underneath SHINGLE PILE
- 02 - Composite of SHINGLE PILE
- 03 - GRAB of LOOSE MAIL - INSIDE BLDG
- 04 - GRAB of OIL STAIN ON CONCRETE FLOOR
- 05 - GRAB of SOIL near Concrete RAMP
- 06 - Backyard from residence home - garden area.

ROADWAY

100041



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION III
CENTRAL REGIONAL LABORATORY
839 BESTGATE ROAD
ANNAPOLIS, MARYLAND 21401301-224-2740
FTS-922-3752

DATE : May 18, 1987

SUBJECT: PCB Analysis of William's Body Shop
TSCA; (4/27/87 - 5/8/87); 870415-01-04

FROM : James Jerpe *JJP*
Chemist

TO : Rick Dreisch
Acting Chief, Annapolis Laboratory

THRU : John Austin *JAB*
Team Leader, Organic Analysis Section

Samples were examined for the presence of PCBs.

Sample extracts were chromatographed on a SE-54 narrow-bore capillary column temperature programmed to 230°C using electron-capture detection. Known concentrations of authentic standards were chromatographed under the sample conditions whereby relative retention times were compared with sample retention times.

Extracts of these samples were filtered through Florasil as a necessary cleanup procedure.

As a quality assurance procedure, the calibration standard solution was cross-referenced to EPA Standard 1260 Aroclor and calculated within acceptable concentration limits (recovery >98%).

Sample Description and Results:

<u>Lab. No.</u>	<u>Description</u>	<u>PCR 1260</u> <u>mg/kg</u>
870415-01	William's Body Shop	249
-02	William's Body Shop	N.D.
-03	William's Body Shop	N.D.
-04	William's Body Shop	N.D.

N.D. = None Detected

JJ:eep

cc: Peggy Zawodny *PJ*
OCO

100042



P.O. Box 130, Temple, PA 19560
(215) 926-6602

June 15, 1987

ANALYSIS OF SOIL SAMPLES FOR PCB'S FROM O. H. MATERIALS CORP. JOB
J48908--Mt. Hope, WV--Gagser Electric Co. SITE P.O.J4890830199

Submitted to:
O. H. Materials Corp.
16406 State Route 224 East
P.O. Box 551
Mindlay, OH 45639-0551
Attention: Mr. John Copus

Submitted by:
A & S Environmental Testing, Inc.
P. D. #2 Box 21393
Reading, PA 19605

Respectfully submitted,

Stephen P. Stupp
Stephen P. Stupp
Director of Organic Chemistry

Craig R. Achenbach
Craig R. Achenbach
Quality Assurance

100043



P.O. Box 130, Temple, PA 19560
(215) 926-6602

June 15, 1987

O. H. Materials Corp.
16406 State Route 224 East
P. O. Box 551
Findlay, OH 45839-0551
Attention: Mr. John Copus

ANALYSIS OF SOIL SAMPLES RECEIVED 6-12-87:

<u>CLIENT ID</u>	<u>A & S ID</u>	<u>PCB's</u>	<u>% RSD</u>	<u>% Recovery</u>
01--Soil near Loading Dock	06-1287-02	<0.50 mg/kg	-----	1 ug Added 0.92 ug Found 92 % Recovery
02--Shingle Pile	06-1287-03	1.6 mg/kg as Arochlor 1248	-----	-----
03--Oil Stain Inside Building	06-1287-04	17.3 mg/kg as Arochlor 1260 DUPLICATE: 17.6 mg/kg as Arochlor 1260	0.86 % -----	-----
04--Corner Inside Building	06-1287-05	64.7 mg/kg as Arochlor 1260 (19.5 mg/kg DDT also found)	-----	-----
05--Soil near Ramp	06-1287-06	< 0.50 mg/kg	-----	-----
06--Background in Residence Yard	06-1287-07	< 0.50 mg/kg	-----	-----

100044



P.O. Box 130, Temple, PA 19560
(215) 926-6602

*OK
Mt. Hope, WV*

1 REC'D

JUN 22 1987

O H Materials
13406 State Rt. 224 E.
P.O. Box 551
Pindlay, Ohio 45839-0551
Attn: John Copus

Analysis of Samples Received from
Sasser Electric Co.
Mt. Hope, West Virginia
J 4890 E

Submitted by:
Harry J. Smith
AMO Pollution Services
RD #2 Box 3118
Canonsburg, PA 15317
(one copy)

Craig R. Achenbach

Craig R. Achenbach

Stephen P. Stupp

Stephen P. Stupp 100045



P.O. Box 130, Temple, PA 19560
(215) 926-6602

OH Materials
16406 State Rt 224 E.
P.O. Box 551
Findlay, Ohio 45830-0551
Attn: John Copus

A & S I.D. 06-1287-08

Client I.D. #549 (Soil)

PCB

12.5 mg/kg Dup 11.9 mg/kg 2.5% RSD
Recovery 40.0 ug added 37.0 ug found (92%)

A & S I.D. 06-1287-11

Client I.D. Sec 7 552 (Garments)

PCB

.50 mg/kg Dup .50 mg/kg 0% RSD
Recovery 40.0 ug added 38.6 ug found (97%)

A & S I.D. 06-1287-12

Client I.D. Sec 8 553 (Water)

PCB

.005 mg/L Dup .005 mg/L 0% RSD

A & S I.D. 06-1287-13

Client I.D. Sec 6 554 (Garments)

PCB

0.50 mg/kg

100046



P.O. Box 130, Temple, PA 19560
(215) 926-6602

Resource Conservation and Recovery Act
(RCRA)

A & S I.D. 06-1227-22

Client I.D. 300 F 550

<u>Characteristic</u>	<u>Result</u>	<u>Allowable Limit</u>
1. Ignitability	>160°F.	140°F (Liquid) Variable (Solid)
2. Corrosivity	6.90	pH >2 or <12.5
3. Reactivity Cyanide Sulfide	<0.04 <1.0	Variable
4. Toxicity		Extract, mg/L
Arsenic	<0.001	5.0
Barium	<10	100.0
Cadmium	<0.005	1.0
Chromium	<0.05	5.0
Lead	<0.05	5.0
Mercury	<0.0002	0.2
Selenium	<0.002	1.0
Silver	<0.01	5.0
Endrin	<0.0005	0.02
Lindane	<0.0005	0.4
Methoxychlor	<0.002	10.0
Toxaphene	<0.005	0.5
2,4-D	<0.001	10.0
2,4,5-TP	<0.0005	1.0

Supplementary Analysis:

100047

PCB <0.50 mc/kg

Recovery 15.0 ug added 13.9 ug found 93% recovery



P.O. Box 130, Temple, PA 19560
(215) 926-6602

Resource Conservation and Recovery Act
(RCRA)

A & S I.D. 06-1287-10
Client I.D. Sec 1 551

<u>Characteristic</u>	<u>Result</u>	<u>Allowable Limit</u>
1. Ignitability	>160 F.	140°F (Liquid) Variable (Solid)
2. Corrosivity	6.94	pH > 2 or < 12.5
3. Reactivity Cyanide Sulfide	<.04 <1.0	Variable
4. Toxicity		Extract, mg/L
Arsenic	<.001	5.0
Barium	<.10	100.0
Cadmium	<.005	1.0
Chromium	<.05	5.0
Cobalt	<.05	5.0
Mercury	<.0002	0.2
Selenium	<.002	1.0
Silver	<.01	5.0
Endrin	<.0005	0.02
Lindane	<.0005	0.4
Methoxychlor	<.002	10.0
Toxaphene	<.005	0.5
2,4-D	<.001	10.0
2,4,5-TP	<.0005	1.0

100048

Supplementary Analysis:

PCB 300 mg/kg Dup 338 mg/kg 5.0% RSD Oil Layer Arochlor 1260
PCB <.005mg/L Water Layer



P.O. Box 130, Temple, PA 19560
(215) 926-6602

Resource Conservation and Recovery Act
(RCRA)

A & S I.D. 03-12-17-14

Client I.D. See 555

<u>Characteristic</u>	<u>Result</u>	<u>Allowable Limit</u>
1. Ignitability	>160 F	140°F (Liquid) Variable (Solid)
2. Corrosivity	6.88	pH > 2 or < 12.5
3. Reactivity Cyanide	<.04	Variable
Sulfide	<1.0	
4. Toxicity		Extract, mg/L
Arsenic	<.001	5.0
Barium	<.10	100.0
Cadmium	<.005	1.0
Chromium	<.05	5.0
Lead	<.05	5.0
Mercury	<.0002	0.2
Selenium	<.002	1.0
Silver	<.01	5.0
Endrin	<.0005	0.02
Lindane	<.0005	0.4
Methoxychlor	<.002	10.0
Toxaphene	<.005	0.5
2,4-D	<.001	10.0
2,4,5-TP	<.0005	1.0

Supplementary Analysis:

PCB Oil Layer 0.94 mg/kg Arochlor 1248

Water Layer <.005 mg/L Recovery 0.30 ug added

0.27 ug found
(90%)

100049



P.O. Box 130, Temple, PA 19560
(215) 926-6602

July 22, 1987

THE ANALYSIS OF SOILS AND WIPE SAMPLES FOR PCB's
FROM S ER ELECTRIC PCB SITE JOB # J4890E

Submitted by:

Roy F. Weston, Inc.
Suite 436 Hawley Building
1025 Main Street
Wheeling, WV 26003
Attention: Mr. J. Michael Havelka

Submitted to:

A & S Environmental Testing, Inc.
R. D. #2 Box 2139B
Reading, PA 19605

Copies to:

Mr. John Copus, O.H. Materials
Mr. Harry Smith, AMO Pollution
Mr. J. Michael Havelka, Roy F. Weston

Reviewed by:

Stephen P. Stupp
Stephen P. Stupp
Director of Organic Chemistry

Craig R. Achenbach
Craig R. Achenbach
Quality Assurance 100050

Office of Enforcement

CHAIN OF CUSTODY RECORD

[illegible]

Distribution: Original Accompanies Shipment, Copy to Coordinator Field Files

3-19051



P.O. Box 130, Temple, PA 19560
(215) 926-6602

July 22, 1987

Roy F. Weston, Inc.
Suite 436 Hawley Building
1025 Main Street
Wheeling, WV 26003
Attention: Mr. J. Michael Havelka

ANALYSIS OF SAMPLES RECEIVED 7-14-87:

<u>A & S ID</u>	<u>CLIENT ID</u>	<u>PCB's</u>
Extraction Blank	---	< 0.50 mg/kg
07-1487-01	Soil 1a & 1b	< 0.50 mg/kg
07-1487-01 RECOVERY	Soil 1a & 1b RECOVERY	20.0 ug Added 18.2 ug Found 91 % Recovery
07-1487-02	Soil 2a & 2b	< 0.50 mg/kg
07-1487-02 DUPLICATE	Soil 2a & 2b DUPLICATE	< 0.50 mg/kg 0 % RSD
07-1487-02 SURROGATE	Soil 2a & 2b SURROGATE	20.0 ug Added 11.8 ug Found 59 % Recovery
07-1487-03	Wipe 003	< 1.0 ug
07-1487-04	Wipe Blank 000	< 1.0 ug
07-1487-04 RECOVERY	Wipe Blank 000 RECOVERY	5.0 ug Added 5.24 ug Found 105 % Recovery

100052

.61 .65
1.89
2.69
7.04
8.67
9.90
10.62 11.15
11.92 12.43
13.85
15.69

INPUT OVERRANGE AT RT= 0.63

ECD *Extraction Blank* *5/1000* 07/20/87 13:30:59 CH= "A" PS= 1.

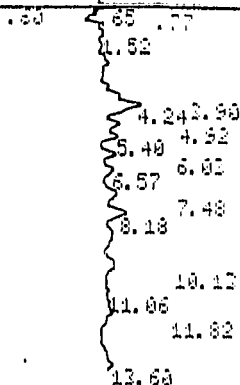
FILE 1. METHOD 0. RUN 304 INDEX 304

ANALYST: STEPHEN P STUFF

PEAK#	AREA%	RT	AREA BC
1	97.823	0.61	10581844 02
2	0.595	0.65	64352 02
3	0.235	1.89	25467 02
4	0.075	2.69	8069 03
5	0.229	7.04	24751 02
6	0.134	8.67	14509 02
7	0.095	9.9	10269 02
8	0.052	10.62	5669 02
9	0.06	11.15	6521 02
10	0.078	11.92	8469 02
11	0.026	12.43	2779 03
12	0.035	13.85	3838 01
13	0.563	15.69	60852 01

TOTAL 100. 10817389

100053



INPUT OVERRANGE AT RT= 0.63

ECD 7-14-01 9100K 25g 07/20/87 13:51:22 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 205 INDEX 205

ANALYST: STEPHEN P STUPP

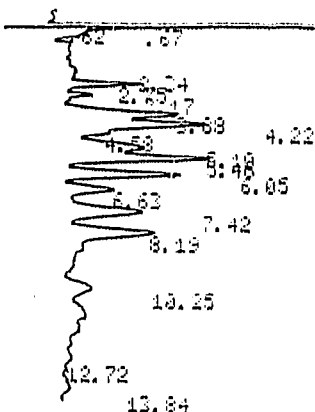
PEAK#	AREA%	RT	AREA BC
1	96.512	0.6	10598709 02
2	0.766	0.65	84172 02
3	0.082	0.77	96834 03
4	0.454	1.52	49850 02
5	0.341	3.9	37499 02
6	0.28	4.24	41692 02
7	0.15	4.92	16478 02
8	0.101	5.4	11095 02
9	0.07	6.03	7721 02
10	0.058	6.57	6353 02
11	0.074	7.48	8174 02
12	0.098	8.18	10783 03
13	0.081	10.12	8917 01
14	0.003	11.06	372 01
15	0.028	11.82	2087 01
16	0.	13.6	34 03

TOTAL 100. 105981770

$66,000 = 0.18\%$
 $= 0.14 = 20.50 \text{ mg/kg}$

CHANNEL A

INJECT 07/20/87 17:02:54



INPUT OVERRANGE AT RT= 0.65

ECD 7-14-01 Linc 5/1001 15%
20 ug/100ul 07/20/87 17:02:54 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 315 INDEX 315

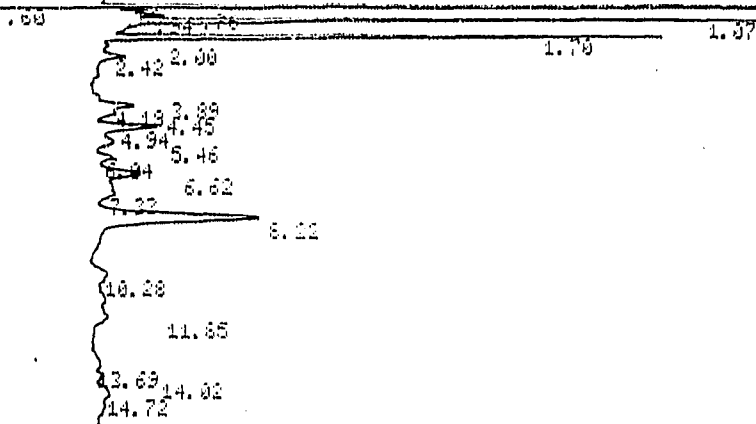
ANALYST: STEPHEN P STUPP

PEAK#	AREARZ	RT	AREA BC
1	95.016	0.62	14351645 02
2	1.099	0.67	165936 03
3	0.062	2.34	9394 02
4	0.173	2.75	26124 02
5	0.041	3.17	6175 03
6	0.463	3.88	70908 02
7	0.585	4.22	88332 02
8	0.124	4.58	18715 02
9	0.407	5.1	61409 02
10	0.544	5.46	82191 02
11	0.411	6.05	62015 02
12	0.164	6.63	24740 03
13	0.341	7.42	51496 02
14	0.384	8.19	57950 03
15	0.112	10.25	16874 01
16	0.028	12.72	4156 02
17	0.042	13.84	6374 03

TOTAL 100. 15104425

257,279 = 0.91 mg
= 18.2 mg = 91%

100055



INPUT OVERRANGE AT RT= 6.62

ECD 7-14-02 5/100K 25g 07/20/87 14:05:52 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 206 INDEX 206

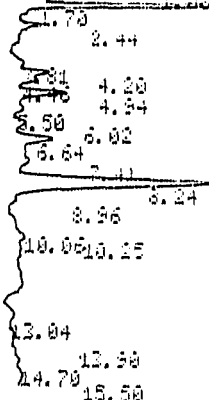
ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	89.802	0.6	13715675 02
2	0.686	0.65	81911 02
3	1.292	0.76	154197 02
4	1.652	0.94	197106 02
5	2.804	1.07	334595 03
6	1.006	1.7	120019 01
7	0.011	2.	1276 01
8	0.078	2.42	9273 01
9	0.024	2.89	2828 02
10	0.173	4.18	20613 02
11	0.085	4.45	10100 02
12	0.266	4.94	31685 02
13	0.102	5.46	12167 02
14	0.051	6.04	6872 02
15	0.164	6.62	19545 03
16	0.025	7.33	2986 01
17	1.031	8.22	123067 01
18	0.154	10.28	18333 02
19	0.312	11.85	37195 03
20	0.068	13.69	8117 02
21	0.041	14.02	4912 02
22	0.175	14.72	20874 03

TOTAL 100. 11932546

50,397 = 0.15 ng
2.012 = 20.50 mg/kg

100056



INPUT OVERRANGE AT RT= 0.62

ECD 7-14-82 Dup 8/1004 25g 07/20/87 14:22:27 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 307 INDEX 307

ANALYST: STEPHEN P STUPP

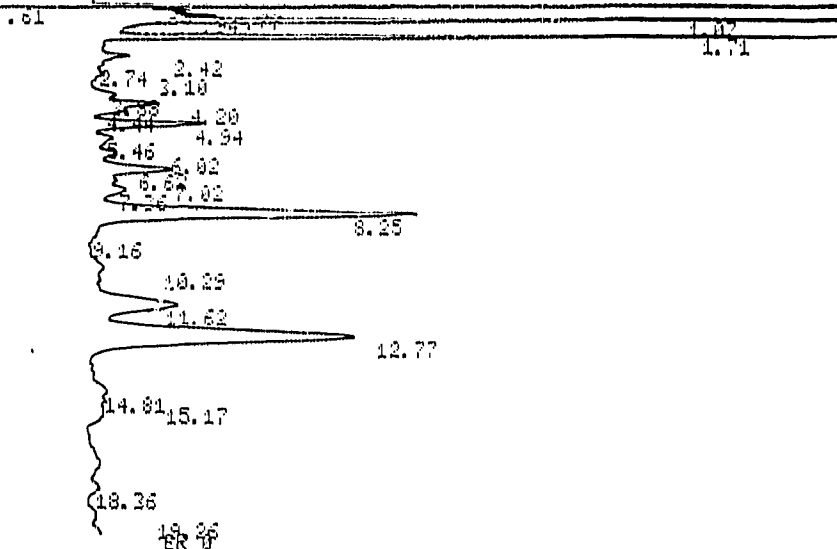
PEAK#	AREA%	RT	AREA BC
1	0.015	0.12	1668 02
2	94.389	0.57	10824995 02
3	1.878	1.06	215354 02
4	1.094	1.7	125492 02
5	0.087	2.44	10013 03
6	0.08	2.81	9180 02
7	0.181	4.2	20720 02-
8	0.113	4.46	12991 02
9	0.3	4.94	34455 08
10	0.031	5.5	3564 06-
11	0.057	6.02	6577 06-
12	0.162	6.64	18584 03-
13	0.031	7.41	3582 02
14	1.309	8.24	150137 02
15	0.014	8.96	1626 03
16	0.04	10.06	4573 02
17	0.061	10.25	7043 03
18	0.042	13.04	4862 02
19	0.056	13.5	6477 02
20	0.036	14.7	4087 02
21	0.021	15.5	2462 03

TOTAL 100. 11468442

49,445 = 0.11mg
= 0.09 x 2 0.50 mg/Kg

100057

CHANNEL A INJECT 07/20/87 14:40:27



INPUT OVERRANGE AT RT= 0.63

ECD 7-14-02 + DBC *flow 25%* 07/20/87 14:40:37 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 308 INDEX 308

ANALYST: STEPHEN P STUPP

PEAK#	AREAK	.RT	AREA BC
1	82.866	0.61	10963667 02
2	0.608	0.65	80481 02
3	1.525	0.77	201733 02
4	1.421	0.94	188012 02
5	3.842	1.07	508285 03
6	1.436	1.71	189982 01
7	0.088	2.42	11597 02
8	0.009	2.74	1223 02
9	0.023	3.1	3072 03
10	0.103	3.88	13608 02
11	0.282	4.2	37319 02
12	0.1	4.44	13168 02
13	0.422	4.94	55866 02
14	0.122	5.46	16204 02
15	0.123	6.02	16247 02
16	0.456	6.62	60286 02
17	0.089	7.02	11791 02
18	0.228	7.36	30216 02
19	1.971	8.25	260766 08
20	0.004	5.16	470 05
21	0.148	10.29	19606 02
22	0.083	11.62	116862 02
23	2.511	12.77	332186 08
24	0.178	14.81	23569 06
25	0.233	15.17	30783 06
26	0.283	18.36	37441 07
27	0.046	19.26	6184 03

20 ug DBC
Added

0.59 ug = 11.8 ug
= 59 ug 100058

CHANNEL A INJECT 07/20/87 17:18:34

5.58 1.25
 1.50 1.25
 2.41
 98 4.08 4.63
 4.86 4.16
 5.42
 5.98 6.26
 6.56 7.18
 8.02 8.60
 9.4 10.72
 11.65 11.96
 12.33 13.05

INPUT OVERRANGE AT RT= 0.62

ECD 7-14-03 7/20/87 17:18:34 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 316 INDEX 316

ANALYST: STEPHEN P STUPP

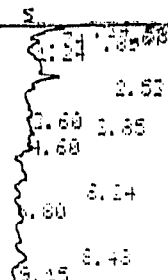
PEAK#	AREA%	RT	AREA BC
1	0.045	0.3	4903 02
2	98.007	0.58	10622750 03
3	0.07	1.25	7621 02
4	0.054	1.5	5861 02
5	0.177	2.41	19149 02
6	0.057	2.99	6133 02
7	0.04	2.69	4310 02
8	0.054	4.08	5868 02
9	0.049	4.16	5369 03
10	0.096	4.96	10405 02
11	0.046	5.42	4965 03
12	0.014	5.98	1573 02
13	0.058	6.26	6337 02
14	0.038	6.56	4126 02
15	0.051	7.18	5582 03
16	0.049	8.02	5343 02
17	0.093	8.6	10055 02
18	0.166	9.94	17976 02
19	0.254	10.72	27521 02
20	0.272	11.65	29561 02
21	0.05	11.96	5446 02
22	0.225	12.33	24368 02
23	0.035	13.05	3778 03

TOTAL 100. 10849000

Full Pad
~~XXXXXXXXXX~~
 < 1.0 ug

100059

CHANNEL A INJECT 07/20/87 17:03:29



INPUT OVERRANGE AT RT= 0.62

ECD 7-14-04 *1/25K 1/2 Blank Pool* 07/20/87 17:03:29 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 317 INDEX 317

ANALYST: STEPHEN P STUPP

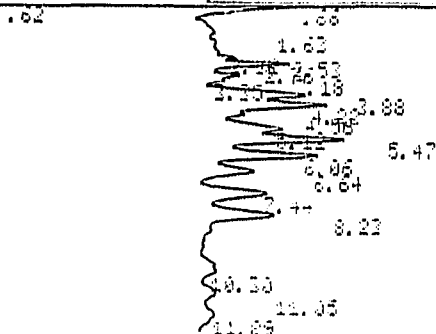
PEAK#	AREA%	RT	AREA BC
1	1.686	0.24	207527 02
2	87.903	0.58	10821281 02
3	0.661	0.67	81405 02
4	1.843	0.74	226843 02
5	2.643	0.89	225375 02
6	4.905	1.24	603854 03
7	0.061	2.53	7495 01
8	0.007	3.6	814 02
9	0.012	3.85	1509 03
10	0.005	4.6	432 01
11	0.123	6.24	15153 08
12	0.007	6.8	872 05
13	0.039	8.48	4782 02
14	0.105	9.15	12901 03

TOTAL 100. 12310443

1/2 Blank Pool
< 1.0 ug

100060

CHANNEL A INJECT 07/20/87 17:44:15



INPUT OVERRANGE AT RT= 0.64

ECD 7-14-04 (Rec) 5/25 07/20/87 17:44:15 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 218 INDEX 318

ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	92.656	0.62	14507660 02
2	2.64	0.66	413337 03
3	0.11	1.63	17175 02
4	0.166	2.22	25977 02
5	0.08	2.53	12507 02
6	0.258	2.76	40474 02
7	0.107	3.18	16710 02
8	0.056	3.35	8758 02
9	0.456	3.88	71456 02
10	0.517	4.22	80899 02-
11	0.13	4.56	20295 02
12	0.413	5.12	64663 02
13	0.602	5.47	94205 02-
14	0.505	6.06	79037 02-
15	0.255	6.64	39914 02-
16	0.335	7.44	52406 02
17	0.417	8.23	65305 03
18	0.114	10.3	17000 02
19	0.089	11.05	13930 02
20	0.096	11.89	15105 03

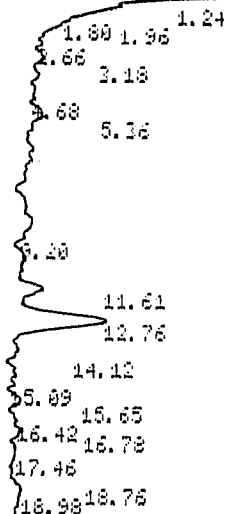
TOTAL 100. 15657612

5.0 mg Alcohol

*294,055 = 1.05 mg
= 5.24 mg
= 105%*

100061

CHANNEL A INJECT 07/20/87 16:30:53



Corr 0.99897

INPUT OVERRANGE AT RT= 0.71

ECD 0.2 ug DBC 07/20/87 16:30:53 CH= "A" PS= 1.

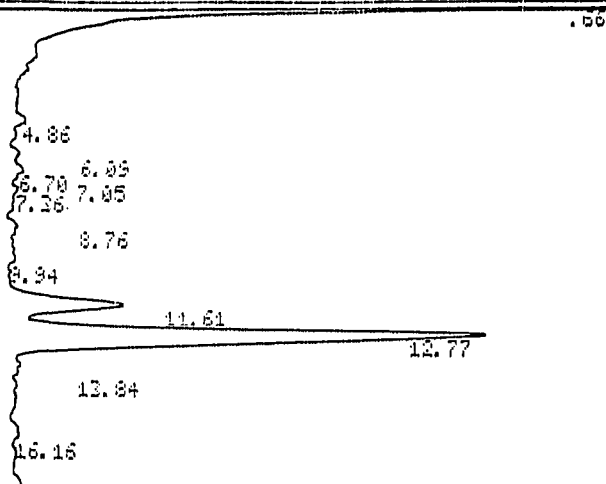
FILE 1. METHOD 0. RUN 214 INDEX 214

ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	0.023	0.45	5113 02
2	96.554	0.66	21149140 02
3	0.478	1.24	104693 02
4	0.097	1.8	21319 02
5	0.239	1.96	52289 02
6	0.11	2.66	24194 02
7	0.384	3.18	84180 02
8	0.171	4.68	37540 02
9	0.648	5.36	141834 02
10	0.278	9.2	60785 02
11	0.272	11.61	59579 02
12	0.546	12.76	119578 03
13	0.01	15.09	2270 02
14	0.057	15.65	12397 02
15	0.037	16.42	8139 02
16	0.042	16.78	9259 02
17	0.035	17.46	7634 03
18	0.003	18.76	755 02
19	0.015	18.98	3360 03

TOTAL 100. 21904058

100062



INPUT OVERRANGE AT RT= 0.74

ECD 1.0 ng DBC SLS

07/20/87 15:06:29

CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 309 INDEX 309

ANALYST: STEPHEN P STUPP

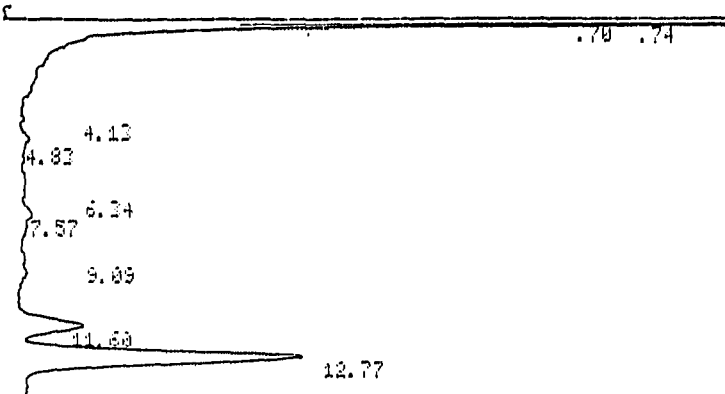
PEAK#	AREA%	RT	AREA BC
1	97.758	0.66	34141658 01
2	0.018	4.86	6276 01
3	0.028	6.85	9769 02
4	0.033	6.7	11670 02
5	0.012	7.85	4161 02
6	0.043	7.36	15154 02
7	0.034	8.76	11993 02
8	0.038	9.94	13310 02
9	0.369	11.61	129012 02
10	1.632	12.77	569941 02
11	0.008	13.84	2801 03
12	0.025	16.16	8858 03

TOTAL 100. 34924603

100063

CHANNEL A

INJECT 07/20/87 15:25:20



INPUT OVERRANGE AT RT= 0.72

ECD 0.4 ng DBC JH

07/20/87 15:25:20

CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 310 INDEX 310

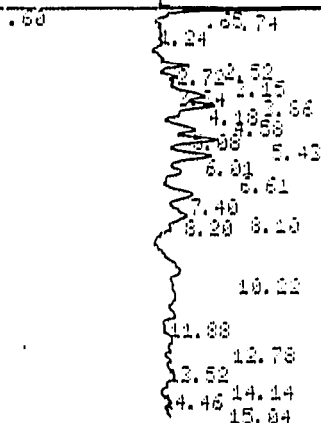
ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA	BC
1	96.326	0.7	26645975	02
2	2.108	0.74	582990	03
3	0.004	4.13	1194	01
4	0.02	4.82	5522	01
5	0.024	6.34	6589	02
6	0.026	7.57	7282	03
7	0.051	9.09	14185	02
8	0.258	11.6	71391	02
9	1.182	12.77	327046	03

TOTAL 100. 27662174

100064

CHANNEL A INJECT 07/20/87 15:55:29



INPUT OVERRANGE AT RT= 0.63

ECD 0.4ug 1264 07/20/87 15:55:29 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 312 INDEX 312

ANALYST: STEPHEN P STUPP

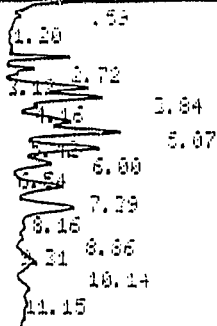
PEAK#	AREA%	RT	AREA BC
1	91.157	0.6	5254379 02
2	2.079	0.65	119861 02
3	1.16	0.74	66866 03
4	0.225	1.24	12997 02
5	0.101	2.52	5838 02
6	0.257	2.72	14834 02
7	0.149	3.15	8613 02
8	0.156	3.34	8983 02
9	0.665	3.86	38340 02
10	0.693	4.18	39973 02-
11	0.099	4.58	5679 02
12	0.428	5.08	24648 02
13	0.567	5.43	32666 02-
14	0.583	6.01	33607 02-
15	0.184	6.61	10593 03-
16	0.381	7.4	21942 02
17	0.104	8.1	6003 02
18	0.18	8.2	10353 03
19	0.358	10.22	20621 01
20	0.07	11.88	4013 01
21	0.156	12.78	8973 02
22	0.029	13.52	1657 03
23	0.136	14.14	7821 02
24	0.018	14.46	1062 03
25	0.065	15.04	3765 01

Corr
0.9997

116,839

100065

TOTAL 100. 5764087



INPUT OVERRANGE AT RT= 0.62

ECD 0.8 ug 1.254 07/20/87 15:39:58 CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 311 INDEX 311

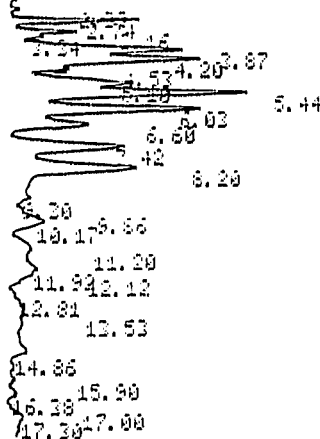
ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	92.806	0.59	7453903 02
2	0.35	1.2	28078 02
3	0.425	2.72	34138 02
4	0.196	3.12	15728 02
5	0.679	3.84	54561 02
6	0.906	4.16	72776 02-
7	0.585	5.07	47011 02
8	0.906	5.42	72738 02-
9	0.796	6.	63936 02-
10	0.369	6.54	29654 02-
11	0.524	7.39	42110 02
12	0.731	8.16	58712 02
13	0.102	8.86	8194 02
14	0.066	9.31	5327 02
15	0.275	10.14	22048 02
16	0.284	11.15	22783 02

239, 104

TOTAL 100. 8031697

100066



INPUT OVERRANGE AT RT= 0.64

ECD 1.6 ng 1254

07/20/87 16:11:37

CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 313 INDEX 313

ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	89.973	0.62	10769369 02
2	1.333	0.67	159521 03
3	0.017	2.33	2014 02
4	0.355	2.74	42433 02
5	0.199	3.16	23851 02
6	0.082	3.34	9837 02
7	0.944	3.87	113025 02
8	0.947	4.2	113403 02-
9	0.197	4.53	23628 02
10	0.742	5.1	88799 02
11	1.204	5.44	144140 02-
12	1.036	6.03	123963 02-
13	0.459	6.6	54950 02-
14	0.679	7.42	81282 02
15	0.792	8.2	94751 03
16	0.017	9.3	1998 01
17	0.02	9.86	2361 02
18	0.215	10.17	25742 02
19	0.182	11.2	21829 02
20	0.237	11.92	28420 02
21	0.104	12.12	12391 02
22	0.016	12.81	1881 02
23	0.059	13.53	7066 03
24	0.072	14.86	8651 01
25	0.016	15.9	1929 02
26	0.046	16.38	5526 02
27	0.006	17.	683 02
28	0.051	17.3	6146 02

436, 458

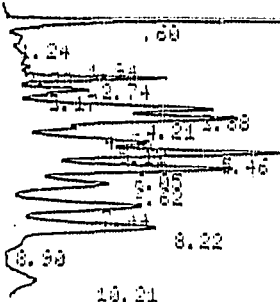
100067

TOTAL 100.

11969589

CANONICAL

INJECT 07/20/87 17:57:10



INPUT OVERRANGE AT RT= 0.65

ECD 2.0ug 1264

07/20/87 17:57:30

CH= "A" PS= 1.

FILE 1. METHOD 0. RUN 319 INDEX 319

ANALYST: STEPHEN P STUPP

PEAK#	AREA%	RT	AREA BC
1	82.256	0.6	12412606 02
2	1.22	1.24	184026 02
3	1.47	1.34	221868 02
4	0.525	2.33	79181 02
5	1.374	2.74	207388 02
6	1.172	3.17	176795 02
7	1.718	3.88	259284 02
8	1.719	4.21	259460 02-
9	0.415	4.56	62672 02
10	1.244	5.12	187658 02*
11	1.73	5.46	261012 02-
12	1.537	6.05	231991 02-
13	1.004	6.62	151488 02-
14	1.17	7.44	176583 02
15	1.167	8.22	176030 02
16	0.095	8.9	14382 02
17	0.184	10.21	27825 01

803,951

TOTAL 100. 15090249

100068

SPECIAL BULLETIN A
Sasser Electric Company Drum Site
Williams Body Shop
Mt. Hope, Fayette Co., WV

TO: Regional Response Center
U. S. EPA Region III

DATE: May 27, 1987

FROM: Benton M. Wilmoth
On-Scene Coordinator (3HW22)

THRU: Stephen R. Wassersug, Director
Hazardous Waste Management Division (3HW00)

THRU: Thomas Voltaggio, Chief
Superfund Branch (3HW20)

THRU: Thomas I. Massey, Chief
Emergency Response Section (3HW22)

I. INTRODUCTION

An inspection performed by US EPA Toxic Substances Control Act (TOSCA) Inspector Dave Bartow, performed in accordance with the National Contingency Plan, has identified an immediate and significant risk of harm to human health and the environment posed by the presence on this site of Polychlorinated Biphenyls (PCB) in concentrations up to 249 parts per million (PPM). The PCB was found to be leaking from one of two drums on the site. The spilled PCB and the leaking drum were unsecured and accessed by the public.

Section 104 of CERCLA calls for the initiation of immediate removal where there is a threat of a release of a hazardous substance which may present an imminent and substantial danger to public health or welfare.

The Delegation of Authority 14-1-A (4/8/86) authorizes the OSC to approve CERCLA removals with a total cost of less than \$50,000. The OSC, therefore, approved the use of CERCLA funds at this site to mitigate the threat to human health and the environment by securing and removing the hazardous PCB oil to proper storage and disposal.

II. BACKGROUND

The Sasser Electric Company Drum Site is located in Mt. Hope, Fayette County, West Virginia. The spill occurred at 420 Main Street, in Mt. Hope, presently the site of Williams Body Shop. This was the site of the former Sasser Electric Company, which has since gone bankrupt.

100069

SPECIAL BULLETIN A
Sasser Electric Company Drum Site (cont.)

At 1100 hours, May 26, 1987 the EPA Region 3 TOSCA Inspector Dave Bartow notified EPA On-Scene Coordinator Benton Wilmoth that material sampled and analyzed as containing PCB oil was deliberately left at the site. The site had a total of 2 drums and two other smaller containers which were sampled by the Inspector Bartow. The samples were sent to the EPA Central Regional Lab in Annapolis, Maryland for analysis. Analysis revealed the presence of PCB in the contaminated drum.

III. THREAT

PCB is a designated hazardous substance under Section 311 (B) of the Clean Water Act, and as such is included as a hazardous substance under CERCLA (Section 101[14]).

PCB has been demonstrated to cause cancer in animals and is a suspected human carcinogen. PCB bioaccumulates in human and animal tissue in concentrations greater than exposure levels. PCB can cause liver damage, skin pigmentation, and chloracne. PCB can cross the placenta to the fetus and can increase the levels of certain enzymes found in the liver, lungs, and skin, which in turn can increase the toxicological hazards of other chemicals.

The drum containing the PCB oil leaked an unknown amount of its contents onto the concrete pad at the facility. A child was exposed to the contamination when he used the leaking oil to lubricate his bicycle chain. The OSC does not know the extent of injuries, if any, that may have occurred.

IV. SCOPE OF WORK

The scope of work proposed for implementation with the emergency \$50,000.00 appropriation includes the following: 1) overpacking of the leaking PCB drum; 2) sampling of the other drums in order to determine their contents; 3) sampling of the concrete pad and soils to determine the extent of contamination by PCB; 4) removal of the overpacked PCB drum to a licensed Temporary Storage Facility; 5) final disposal of the PCB waste.

The authorized budget was as follows:

ERCS	30,000
EPA	1,000
TAT	11,500
EPA HQ. (15%)	<u>7,500</u>
TOTAL	50,000

100070

SPECIAL BULLETIN A
Sasser Electric Company Drum Site (cont.)

VI. OSC ACTION

On 5/27/87 the OSC contacted CERCLA Removal Enforcement Chief, Mary Letzkus, and requested assistance in researching and contacting Potential Responsible Parties (PRP). As of this date, no PRP could be identified. Therefore the OSC has initiated this CERCLA Removal.

At 1635 hours on 5/26/87 the OSC issued Delivery Order #6893-03-120 to ERCS in the amount of \$30,000.00, to used for emergency removal in order to mitigate the immediate threat and to further characterize the site.

Because the conditions at the Sasser Electric Company Drum Site meets the NCP Section 300.65 criteria for an immediate removal, the OSC has approved this immediate removal action.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, WV

100071

POLREP #1 - Sasser Electric Company Drum Site
Williams Body Shop
Mt. Hope, Fayette Co., WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1800 hours, 5/29//87)

A. Site referred to EPA ERS OSC Benton Wilmoth from TOSCA Inspector Dave Bartow. While performing a TOSCA inspection Bartow sampled two drums on this site and analysis revealed that one contained 449 ppm of PCB in oil. The drum was found staged on an outdoor loading dock, exposed to the weather, and directly accessible to the public. The drum had been punctured and had leaked an unknown amount of its contents, contaminating ~ 20 square feet of concrete paving. The drum and several other containers of unknown oil were found on the premises of the Williams Body Shop, Main Street, Mt. Hope, Fayette County, West Virginia. The neighborhood is urban, mixed business and residential. The potential for human contact was extremely high.

B. OSC Wilmoth determined that the site posed an immediate threat to the surrounding population, and represented an emergency situation. The OSC, therefore, activated under CERCLA Section 14-1-A, Delegation of Authority, for \$50K. The OSC then wrote Delivery Order #6893-03-120 to ERCS for \$30K. Ceilings and estimated costs-to-date are as follows:

	To Date	Ceiling
EPA	\$ 300	\$ 1,000
TAT	3,800	10,500
ERCS	4,000	30,000
EPA (HQ)	1,200	7,500
-----	-----	-----
TOTAL	\$11,350	\$50,000

C. Personnel on scene: EPA-1, ERCS-4, TAT-4, WV DNR-1.

D. Weather - hot and sunny.

E. ERCS overpacks and removes PCB containing drum and several other containers of suspicious oil. ERCS excavates drums, and removes ~ 10 cubic feet of contaminated concrete paving. Excavated area repaved with concrete. ERCS transports all removed material on Uniform Hazardous Waste Manifest #PAB3319680 to licensed temporary storage facility at AMO Pollution Services, Canonsburg, PA.

F. EPA Junior OSC Phil Younis on-scene to supervise removal operations. OSC directed that ERCS remove all oil containers and perform all sampling of waste materials for disposal approval. OSC responded to concerned citizens comments and questions and was

100072

interviewed by local press.

G. TAT conducted preliminary extent of contamination survey, sampling oil stained areas inside Williams Body Shop, and oil soaked soil adjacent to the loading dock. TAT provided contractor monitoring, cost accounting, documentation and advised OSC on site safety concerns.

II. Actions Taken

A. TAT/OSC/ERCS mobilize on scene to initiate removal activities.

B. ERCS overpacked leaking PCB drum and other suspect oil bearing containers. Wastes removed to temporary storage.

C. TAT conducts sampling of oil stained material inside and around Williams Body Shop.

D. ERCS removed contaminated concrete from area of leaking drum, and replaced concrete paving.

III. Future Plans

A. OSC awaits results of TAT sampling of soil and oily material.

B. ERCS to sample removed materials for disposal approval and to seek final disposal for PCB contaminated wastes.

C. OSC to determine if additional removal activities required, pending TAT sampling data.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, WV 26003

Phil Younis, Jr. OSC
US EPA - Region III
Wheeling, WV 26003p

100073

To: ERD/OERR (EPA5511)
To: T. MASSEY (EPA9374)
From: J. DOWNIE (EPA9327) Delivered: Fri 5-June-87 15:27 EDT Sys 163
Subject: SASSER ELECTRIC POLREP #2
Mail Id: IPM-163-870605-139170306

POLREP 2
SASSER ELECTRIC COMPANY
WILLIAMS BODY SHOP
MT. HOPE, FAYETTE COUNTY, WEST VIRGINIA

ATTENTION: TOM MASSEY AND TIM FIELDS

I. SITUATION (1200 HOURS, 6/5/87)

A. ON 5/29/87 OSC (YOUNIS) TAT AND AMO POLLUTION SERVICES ARRIVED ON SITE FOR REMOVAL OF PCB CONTAMINATED MATERIALS. WHILE ON SITE TAT SAMPLED OIL STAINED AREAS IN AND AROUND WILLIAMS BODY SHOP.


B. ON 5/29/87 WHILE SPEAKING WITH SITE OWNER (WILLIAMS) TAT MEMBER IDENTIFIED HIMSELF AS AN EPA CONTRACTOR BUT WAS MISTAKEN FOR THE OSC. IN GENERAL CONVERSATION WITH SITE OWNER TAT PROVIDED SAFETY CONCERNS AND INFORMATION ON POSSIBLE SITE CLEANUP (IF NECESSARY) WHICH WAS BASED ON PRIOR REMOVAL EXPERIENCE. SITE OWNER WAS CONTACTED BY LOCAL MEDIA FOR INFORMATION ON CURRENT SITE SITUATION. SITE OWNER SPOKE TO THE MEDIA PROVIDING MISLEADING INFORMATION WHICH HE MISINTERPRETED FROM PRIOR CONVERSATION WITH TAT MEMBER.

II. ACTIONS TAKEN

- A. TAT CONTACTED CRL (WALLING) TO ARRANGE FOR SAMPLE ANALYSIS.
- B. EPA OPA (CARDINAL) NOTIFIED OSC (YOUNIS) CONCERNING NEWS ARTICLE TO BE PUBLISHED IN LOCAL NEWSPAPER WHICH CONTAINS STATEMENTS MADE BY OWNER (WILLIAMS).
- C. OSC CONTACTED OWNER WILLIAMS TO STATE EPA'S VIEWS ON THE SITE AND CLEAR UP ANY MISUNDERSTANDINGS THAT MAY HAVE OCCURRED.

III. FUTURE PLANS

- A. OSC AWAITS SAMPLE RESULTS TO DETERMINE EXTENT OF CONTAMINATION.
- B. OSC TO DETERMINE IF ANY FURTHER ACTION IS REQUIRED BASED ON SAMPLE RESULTS.
- C. OSC TO MEET WITH SITE OWNER TO ADDRESS ANY CONCERNS WHICH HE MAY HAVE.
- D. OSC TO SCHEDULE A PUBLIC MEETING PENDING RECEIPT OF SAMPLE DATA.


BEN WILMOTH, OSC
EPA REGION III
WHEELING, WV

PHIL YOUNIS, JR. OSC
EPA REGION III
WHEELING, WV

To: ERD/DEAR (EPA5511)
To: T. MASSEY (EPA9374)
From: J. DOWNIE (EPA9327) Delivered: Tue 9-June-87 9:26 EDT Sys 163 (
Subject: Sasser Electric Co., Polrep #3
Mail Id: IPM-163-870609-085040189

POLREP #3 - Sasser Electric Co.

Williams Body Shop
Mt. Hope, Fayette County, WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1400 hours, 6/08/87)

A. OSC Wilmoth on-scene 6/7/87 to inspect the site and found that the cleanup area was in good order.

B. While on-scene, the OSC met with the site owner/operator (Calvin Williams) to discuss and clarify EPA's cleanup/removal objectives at the site. The OSC explained reasons behind turn around time necessary to obtain lab data for samples collected 5/29/87 by TAT.

C. Presently all removed materials remain in temporary storage at AMO, Cannonsburg, PA.

D. Estimated costs-to-date (DOB 6/6/87)

	To Date	Ceiling
EPA	\$ 600	\$ 1,000
TAT	4,300	10,500
ERCS	4,200	30,000
EPA (HQ)	1,365	7,500
	-----	-----
TOTAL	\$ 10,465	\$ 50,000

II. Actions Taken

A. OSC briefed EPA-DPA (Hal Yates) concerning the site due to high media interest and public concern.

B. OSC directed ERCS to follow normal procedures in seeking disposal for the removed wastes.

C. OSC directed TAT to obtain 7-day turn around from 6/8/87 for samples collected 5/29/87.

D. TAT contacted EPA-CRL (Colleen Walling) to request 7-day turn around for soil and oil material samples.

III. Future Plans

A. EPA-CRL to obtain 7-day turn around for TAT samples analysis or release samples to TAT for special projects analysis.

100075

B. OSC/TAT await analysis of TAT samples to decide if further removal actions will be necessary.

C. ERCS (AMD) to seek disposal for removed waste materials.

D. OSC, OPA and TAT to plan public meeting pending sample analysis and/or disposal.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, West Virginia

100076

POLREP #4 - Sasser Electric Co.
Williams Body Shop
Mt. Hope, Fayette Co., WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1800 hours - 6/12/87)

A. Analysis of extent of contamination samples was held up for seven days as CRL was unable to obtain a seven day turnaround analysis through CLP. The original request was changed from fourteen days to seven days turnaround by OSC due to heightened public concern and media coverage of this politically sensitive removal. CRL/CLP failed to obtain seven day turnaround. TAT was unable to expedite analysis due to CRL/CLP refusal to release the samples despite no bid by CRL/CLP. OSC formally requested that the samples be released.

B. OSC contacted CLP-DPO Chuck Sands on 6/11/87 to direct that the extent of contamination sample be released to OSC/TAT for expedited analysis through ERCS.

C. Extent of contamination samples shipped to ERCS lab for PCB analysis. Lab is to provide verbal report of analysis by Monday, June, 15, 1987.

D. Removed waste material remains in TSD at AMO Canonsburg, PA.

E. OSC continues to keep EPA OPA briefed on site situation.

F. Estimated costs to date (COB 6/12/87)

	To Date	Ceiling
EPA	\$ 600	\$ 1,000
TAT	4,860	10,500
ERCS	4,700	30,000
EPA (HQ)	1,524	7,500
	-----	-----
TOTAL	\$11,684	\$ 50,000

II. Actions Taken

A. OSC contacted CLP DPO Chuck Sands and obtained release of the extent-of-contamination at 1022 hours, 6/11/87.

B. OSC directed TAT to coordinate sample analysis with ERCS (AMO).

C. ERCS obtained lab for fast turnaround analysis 1600 hours, 6/11/87.

D. TAT coordinated sample analysis with ERCS, recommending fastest possible turnaround time for verbal and written results, and detailing necessary QA/QC for analysis.

E. TAT shipped samples to ERCS Lab (A&S Environmental Testing, Inc.) via Federal Express (airbill #288862140).

F. ERCS collected disposal classification samples of removed waste in storage at TSD.

III. Future Plans


A. OSC/TAT awaits results of extent of contamination samples. Verbal data expected 6/16/87.

B. OSC to decide if further removal activity is necessary pending extent of contamination sampling data.

C. TAT to continue coordination with ERCS to ensure highest possible QA/QC analysis.

D. OSC to schedule public meeting pending extent of contamination data results.

E. EPA OPA to assist OSC with public meeting and press concerns.


Benton M. Wilmoth, OSC
U.S. EPA Region III
Wheeling, WV

POLREP #5 - Sasser Electric Company
Williams Body Shop
Mt. Hope, Fayette Co., WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1700 hours, 6/22/87)

A. Analysis of extent of contamination samples collected by TAT on 5/29/87 was completed on 6/15/87 by ERCS Lab and reported to OSC. Results showed contamination of floor surfaces inside an unused portion of the Williams Body Shop. The concentrations reported were 65 and 17 ppm for the interior samples.

B. Based on this data, the OSC has determined that further removal actions will be necessary to address the threat posed by the contaminated materials within the Body Shop.

C. Estimated costs-to-date (COB 6/22/87)

	To-Date	Ceiling
EPA	\$ 600.00	\$ 1,000.00
TAT	5,200.00	10,500.00
ERCS	6,500.00	30,000.00
EPA (HQ)	1,845.00	7,500.00
TOTAL	\$ 14,145.00	\$ 50,000.00

D. Previously removed materials remain staged at AMO TSD. Several containers removed as a precautionary measure proved to be PCB contaminated when sampled for disposal by ERCS.

II. Actions Taken

A. OSC contacted Body Shop owner Calvin Williams to discuss the proposed scope of work planned for the continued EPA removal activities, and to schedule remobilization so that owner could be on-scene.

B. TAT provided OSC with alternative options for cost effective cleanup of the remaining contamination inside the building.

C. OSC in contact with EPA OPA (Hal Yates) to ensure OPA assistance on-scene in addressing public concern and press interest.

III. Future Plans

A. Remobilization of EPA, TAT and ERCS to take place after July 8, 1987.

B. ERCS to continue to seek disposal for removed materials.

C. OSC to hold public meeting with DPA assistance pending removal of additional contaminated material.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, WV 26003

POLREP #6 - Sasser Electric Company
Williams Body Shop
Mt. Hope, Fayette Co., WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1900 hours, 6/28/87)

A. OSC authorized ERCS remobilization based on receipt of data of earlier sampling removal activities. Results show all exterior samples below action level and one sample taken inside building showed 64 ppm of PCB which requires removal action.

B. Estimated cost-to-date (COB 6/25/87)

	To Date	Ceiling
EPA	\$ 600	\$ 1,000
TAT	4,860	10,500
ERCS	4,700	30,000
EPA/HQ	1,524	7,500
	-----	-----
TOTAL	\$11,684	\$50,000

II. Actions Taken

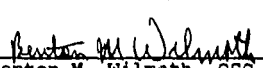
A. OSC directs ERCS to remobilize to site to complete removal action.

III. Future Plans

A. OSC to be on-scene to direct removal activities.

B. EPA OPA Hal Yates to be on-scene to assist OSC with media and public concerns.

C. TAT to be on-scene to perform contractor monitoring and QA sampling.


Benton M. Wilmoth, OSC
US EPA - Region III
Wheeling, WV 26003

POLREP #7 - Sasser Electric Co. Drum Site
Williams Body Shop
Mt. Hope, Fayette Co., WV

ATTENTION: Tom Massey and Tim Fields

I. Situation (1600 hrs., 6/30/87)

A. Removal activity completed, all areas of building that were identified as contaminated have been cleaned up.

B. PCB oil stains on concrete floor of building were decontaminated by kerosene scrubbing and acid etching. Contaminated soil was removed from broken area of concrete in corner of building.

C. OSC Wilmoth on-scene to supervise cleanup activity. EPA OPA Hal Yates was on-scene 6/29/87 to handle media and public concerns.

D. Personnel on-scene: EPA-2; ERCS-4; and TAT-2.

E. Estimated cost-to-date (COB 6/30/87)

	To Date	Ceiling
EPA	\$ 900	\$ 1,000
TAT	5,850	10,500
ERCS	7,900	30,000
EPA/HQ	2,200	7,500
	-----	-----
TOTAL	\$16,850	\$50,000

F. Weather - partly sunny and hot, high humidity.

II. Actions Taken

A. ERCS completed removal of all known site contamination. Four drums of hazardous material and one drum non-hazardous solid waste transported to TSD facility to await final disposal.

B. TAT conducted QA sampling on decontaminated areas.

C. OSC/TAT and ERCS demobilized from site this date.

III. Future Plans

A. OSC awaits results from TAT QA sampling.

B. ERCS to sample removed material for disposal approval and to seek final disposal for PCB contaminated waste.

C. OSC to determine if additional removal activity is required pending TAT sampling data.

Benton Wilmoth
Benton Wilmoth, OSC
US EPA - Region III
Wheeling, WV 26003

Polrep #8 - Sasser Electric Co. Drum Site
Williams Body Shop
Mt. Hope, Fayette Co., WV

Attention: Bob Caron, Steve Jarvela and Tim Fields

I. Situation (1600 hours, 2/17/88)

- A. Five remaining drums shipped from TSD Facility on 2/7/88 to Chem Waste Management in Emille, Alabama.
- B. TAT performed site visit 1/26/88, per OSC Wilmoth's request. Body shop owner, Mr. Williams, requested that additional samples be taken under the building, as he claimed the FRP had dumped PCB into a crawlspace under the building. OSC Wilmoth stated that samples would only be taken in the event that Mr. Williams prove that the area was accessible and then provide access for sampling. Mr. Williams has not yet provided access.
- C. Mr. Williams' Attorney, M. Stewart Callwell, contacted OSC Wilmoth to obtain site records. OSC Wilmoth contacted Maureen Barden, EPA Office of Regional Counsel, to obtain legal guidance. Barden requested that the file be sent to her before transmittal to Mr. Williams' Attorney.

D. Estimated Cost to Date:

	To Date	Ceiling
EPA	\$ 900.00	\$ 2,500.00
TAT	6,500.00	10,000.00
ERCS	11,900.00	30,000.00
EPA/HQ	2,895.00	7,500.00
	-----	-----
	\$22,195.00	\$50,000.00

II. Actions Taken

- A. OSC sent copy of the site file to EPA Office and Regional Counsel (Barden) 2/16/88.
- B. Five drums shipped for final disposal from TSD Facility and sent to Chem Waste Management, Emille, Alabama 2/7/88.

III. Future Plans

- A. OSC to transmit site file to Mr. Williams' Attorney, Mr. Stewart Callwell.

100084

B. OSC/TAT await notice from M. Williams regarding further sampling and if he would provide access.

Benton M. Wilmoth
Benton M. Wilmoth, Sr. OSC
US EPA - Region III
Wheeling, WV 26003

100085

POLREP 9 AND FINAL - SASSER ELECTRIC CO. DRUM SITE
WILLIAMS BODY SHOP
MT. HOPE, FAYETTE CO. WV

ATTENTION: BOB CARON, STEVE JARVELA, AND TIM FIELDS

I. SITUATION (1200 HOURS, 4/18/88)

- A. ALL DRUMS FROM THE SITE HAVE BEEN SENT FOR FINAL DISPOSAL. ALL COSTS ARE COMPLETE AS OF THIS DATE.
- B. OSC TRANSMITTED COPY OF DRAFT INFORMATION TO MR WILLIAMS' HIRED CONSULTANTS/ATTORNEYS, UPON APPROVAL BY EPA OFFICE OF REGIONAL COUNSEL.
- C. ESTIMATED COST TO DATE:

	TO DATE	CEILING
EPA	\$ 476.00	2,500
TAT	9,196.76	10,000
ERCS	18,435.00	30,000
EPA/HQ	4,216.16	7,500
	-----	-----
	\$ 32,323.92	50,000

- D. THE OSC OFFICIALLY CLOSED ALL REMOVAL ACTION AT THE SASSER SITE.

II. ACTIONS TAKEN

- A. OSC SENT COPY OF THE DRAFT OSC REPORT TO MR WILLIAMS' CONSULTANTS/ATTORNEYS.
- B. OSC CLOSED THE REMOVAL PROJECT, 4/13/88.

III. FUTURE PLANS

- A. OSC TO SUBMIT THE OSC REPORT TO THE RRC IN ACCORDANCE WITH THE NATIONAL CONTINGENCY PLAN.

~~Benton M Wilmoth~~
BENTON M WILMOTH, SR OSC
US EPA, REGION III
WHEELING, WEST VIRGINIA

Amelia

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460			
EPA DELIVERY ORDER FOR EMERGENCY RESPONSE CLEANUP SERVICES			
<i>(This delivery order is issued subject to all terms and conditions of the contract identified in Block 2.)</i>			
1. DATE OF ORDER <i>5/23/87</i> 03-30-87	2. CONTRACT NUMBER 60-01-7445	3. ORDER NUMBER 7445-03-029	
4. TIME OF INITIAL ORDER (If initial order was verbal) (Specify Time Zone) <input type="checkbox"/> AM <input type="checkbox"/> PM	5. DELIVERY ORDER CEILING AMOUNT (Obligated Amount) \$5,000.00		
	6. ACCOUNTING AND APPROPRIATION DATA		
	Appropriation Number 60/20X8145	Document Control No. RV0031	Account Number HFA3ASEYR
7a. ISSUED TO: CONTRACTOR (Name, Address, and ZIP Code) O.H. MATERIAL CO. FINDLAY, OHIO		7b. ISSUED BY: ORDERING OFFICE (Name, Address, and ZIP Code) U.S. EPA 841 CHESTNUT ST. PHILA, PA 19107	
7b. PROGRAM MANAGER (Name and Phone Number) TONK JULY 1-800-537-9540		8b. EPA REGION/USCG DISTRICT III	8c. ZONE I
7c. RESPONSE MANAGER (Name and Phone Number) BOB GARZA		8d. ON-SCENE COORDINATOR (Name and Phone Number) RENTON WILMOTII	
9. RESPONSE LOCATION (Site Name and/or Address and ZIP Code) SASSER ELECTRIC MT. HOPE, WV		10. CONTRACTOR REQUIRED ON SITE (Date and Time) (Specify Time Zone) CONTINUATION OF WORK <input type="checkbox"/> AM <input type="checkbox"/> PM	
		11. REQUIRED WORK COMPLETION DATE 12/31/87	
12. STATEMENT OF WORK The Contractor shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work set forth below: 1. CONTINUATION OF DELIVERY ORDER NO. 6093-03-120 UNDER CONTRACT 60-01-6093. 2. PROVIDE FOR STOPAGE, TRANSPORTATION AND DISPOSAL OF THE WASTES CONTAINED DURING WORK PERFORMED AT THE SITE IDENTIFIED ABOVE (BLOCK 9) UNDER THE CONTRACT CITED IN PARAGRAPH 1. OF THIS BLOCK.			
13. ORDERING OFFICER			
NAME/TITLE <i>[Signature]</i>		SIGNATURE	DATE 11/4/85

100097


U.S. Environmental Protection Agency Washington, DC 20460		1. Name of Originator Steve Jarvela		2. Date of Acquisition 11-04-87			
EPA Procurement Request/Order		3. Mail Code 31W25		4. Telephone Number 215/597-7915			
6. Signature of Originator		7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase					
8. Deliver To (Project Manager) Steve Jarvela		9. Address 841 Chestnut Street Phila., PA 19105		10. Mail Code 31W25			
12. Financial Data (a) Appropriation 68/20X6145		11. Telephone Number 215/597-7915					
		NOTE: Item 12 (c) Document Type—Contract = "C," Purchase Order = "P," IGA = "A," Other (Misc.) = "X"					
FMO Use (b) (1) (3) digits		Document Control Number (d) (6) digits		Account Number (e) (10) digits			
		SEE ATTACHED SHEET		25.35			
				Object Class (f) (4) digits			
				65.000.00			
				Amount (g) Dollars			
				Cents			
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact) O.H. Materials Findlay, Ohio		14. Amount of money committed is <input checked="" type="checkbox"/> Original <input type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. Servicing Finance Office Number Region III			
16. Approvals							
a. Branch/Office Thomas C. Volcaggio		Date		d. Property Management Officer/Designee			
b. Division/Office Stephen E. Wasseraug		Date		e. Other (Specify)			
c. Funds listed above are available and reserved Rich Messimer		Date		f. Other (Specify)			
17. Date of Order		18. Order Number		19. Contract Number (if any)			
21. FOB Point		22. Delivery to FOB Point by On or before (Date)		20. Discount Terms			
24. Contractor (Name, address, ZIP Code)		25. Type of Order <input type="checkbox"/> a. Purchase		Reference your quote (See block 23)			
		Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated					
		<input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract (See Block 19)					
		c. <input type="checkbox"/> Oral <input type="checkbox"/> Written <input type="checkbox"/> Confirming					
26. Schedule							
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
	SEE ATTACHED SHEET FOR LIST OF SITES AND OTHER RELATED INFORMATION SITE SASSER ELECTRIC						
						100088	
Total \$							
27. United States of America By (Signature)				28. Typed Name and Title of Contracting Officer			

SITE NAME/LOCATION	ID	DCN #	ACCT #	D.O. #	AMOUNT
Precious Metals Raleigh County Beckley, West Virginia	Q4	RV0025	8TFA3ASEQ4	7445-03-023	\$5,000.00
North Road Landfill (BUTZ) Monroe County Jackson Twp., PA	Q6	RV0026	8TFA3ASEQ6	7445-03-024	\$10,000.00
Oakland Junkyard Garrett County Oakland, Maryland	S1	RV0027	8TFA3ASES1	7445-03-025	\$5,000.00
Deardorf Drive York County Etters, PA	T8	RV0028	8TFA3ASET8	7445-03-026	\$5,000.00
Wachs Landfill Westmoreland County West Newton, PA	X2	RV0029	8TFA3ASEX2	7445-03-027	\$10,000.00
Solly Road Phila. County Phila., PA	X9	RV0030	8TFA3ASEX9	7445-03-028	\$5,000.00
Sasser Electric Fayette County Mt. Hope, West Virginia	Y8	RV0031	8TFA3ASEY8	7445-03-029	\$5,000.00
Route 563 Montgomery County Tylersport, PA	Z2	RV0032	8TFA3ASEZ2	7445-03-030	\$5,000.00
Ridgeview PCB Boone County Ridgeview, West Virginia	Z7	RV0033	8TFA3ASEZ7	7445-03-031	\$5,000.00
Keystone Drive Boone County Kanawha, West Virginia	Z9	RV0034	8TFA3ASEZ9	7445-03-032	\$5,000.00
Petersburg Flood Grant County Petersburg, West Virginia	Q5	RV0035	8TFA3ASEQ5	7445-03-033	\$5,000.00
TOTAL					\$65,000.00

100089

(Shaded areas are for use of procurement office only)

Page of

 Procurement Request/Order		US Environmental Protection Agency Washington, DC 20460		1. Name of Originator Ben Wilmoth		2. Date of Acquisition 5-25-87	
		3. Mail Code 35V		4. Telephone Number 215-597		5. Date Item Required ASAP	
6. Signature of Originator				7. Recommended Procurement Method <input type="checkbox"/> Competitive <input type="checkbox"/> Other than full and open competition <input type="checkbox"/> Sole source small purchase			
a. Deliver To (Project Manager) Thomas Massey		9. Address 341 Chestnut St., Phila., PA 19107		10. Mail Code 3RM22		11. Telephone Number 215 597 9893	
12. Financial Data 68/20x8145		b. Servicing Finance Office Number		NOTE: Item 12(d) Document Type — Contract = "C," Purchase Order = "P"			
..... FMO Use (a) (13 digits)		c. Document Control Number (a) (16 digits) a7y869		Account Number (b) (10 digits) 7QFA3AMIX3		Object Class (a) (4 digits) 25.35	
						Amount (h) Dollars 30.000 Cents	
13. Suggested Source (Name, Address, ZIP Code, Phone/Contact)				14. Amount of money committed is: <input type="checkbox"/> Original <input type="checkbox"/> Increase <input type="checkbox"/> Decrease		15. For Small Purchases Only: Contracting Office is authorized to exceed the amount shown in Block 12(h) by 10% or \$100, whichever is less. <input type="checkbox"/> Yes <input type="checkbox"/> No	
16. Approvals							
a. Branch/Office Thomas C. Voltaggio		Date		d. Property Management Officer/Designee		Date	
b. Division/Office Stephen R. Wagersau		Date		e. Other (Specify)		Date	
c. Funds listed in Block 12 and Block 15 (if any) are available and reserved. (Signature of Certifying Official) Steve Pandza		Date 5/27/87		f. Other (Specify)		Date	
17. Date of Order		18. Order Number		19. Contract Number (if any)		20. Discount Terms	
21. FOB Point		22. Delivery to FOB Point by On or before (Date)		23. Person Taking Order/Quote and Phone No.			
24. Contractor (Name, address, ZIP Code)				25. Type of Order <input type="checkbox"/> a. Purchase Please furnish the above on the terms specified on both sides of this order and on the attached sheets, if any, including delivery as indicated. <input type="checkbox"/> b. Delivery provisions on the reverse are deleted. The delivery order is subject to the terms and conditions of the contract. (See Block 13) c. <input type="checkbox"/> Oral <input type="checkbox"/> Written <input type="checkbox"/> Confirming			
26. Schedule							
Item Number (a)	Supplies or Services (b)	Quantity Ordered (c)	Unit (d)	Estimated Unit Price (e)	Unit Price (f)	Amount (g)	Quantity Accepted (h)
	SITE NAME: Sasser Electronic SITE ID: Y8 LOCATION: County: La Fayette City: Monrope State: WV DELIVERY ORDER: 6893-03-120						
						100090	
27. United States of America By (Signature)						28. Typed Name and Title of Contracting Officer	



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Bureau of Waste Management
P. O. Box 2083
Harrisburg, PA 17122

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved, OMB No. 2000-0404, Expires 7-31-86

VM-51 (REV. 10/84)

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.

WVPA000000758152287

Manifest Document No.

2. Page 1

1 of

Information in the shaded areas
is not required by Federal law
but is required by State law.

3. Generator's Name and Mailing Address

G. S. E.A.
303 Methodist Bldg.
Wheeling, W.V. 26003
(304) 235-9031

(MT Hope WV)
Site

A. State Manifest Document Number

PAB 3319680

B. State Gen. ID

MT. HOPE WV

5. Transporter 1 Company Name

AMO Pollution Svc, Inc.

6. US EPA ID Number

PA-AH038966231

C. State Trans. ID

PA-AH 01561

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone ()

E. State Trans. ID

PA-AH

9. Designated Facility Name and Site Address

AMO Pollution Svc, Inc.
RD#2 Box 311B
CANONS BURG, PA 15317

10. US EPA ID Number

PA-AH038966231

F. Transporter's Phone ()

G. State Facility's ID

Not Required

H. Facility's Phone (412) 221-8486

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)

WASTE Polychlorinated Biphenyls
ORM-E UN 2315 (Solid)

12. Containers

No. Type

40M

13. Total Quantity

1.000 P

14. Unit Wt/Vol

P

15. Waste No.

NON

R.C.R.A.

WASTE Polychlorinated Biphenyls
ORM-E UN 2315 (Liquid)

40M

8.00 P

NON

R.C.R.A.

3584-3591

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code)

Haz. Code Physical State

a. 7 9

Haz. Code Physical State

c. 7 9

K. Handling Codes for Wastes Listed Above

a. b. c. d.

15. Special Handling Instructions and Additional Information

For PCB Concentration.

AMO Pollution Svc, Inc. will be used for Temporary Storage

Pending Approval and Final Disposal of Selected TSO's.

Above Description Subject To Detailed Analysis

16. GENERATOR'S CERTIFICATION:

I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Section 3002 (b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and I have selected the method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment.

Printed/Typed Name Signature Month Day Year

Philip Younis Philip Younis 10 29 87

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

LARRY E. SMITH

Signature

Larry E. Smith

Month Day Year

10 29 87

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

10 29 87

19. Discrepancy Indication Space

100091

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Sandra Smith

Signature

Sandra Smith

Month Day Year

10 29 87

In case of an emergency or spill immediately call the National Response Center (800) 424-8802 and the PA DER (717) 787-4343

12-25-87

ACTIVITY

700 C C C C C C C C C C



PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES
Division of Hazardous Waste Management
P. O. Box 2063
Harrisburg, PA 17120

VM-51 Rev. 5/84

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2000-0404. Expires 7-31-86

UNIFORM HAZARDOUS
WASTE MANIFEST

1. Generator's US EPA ID No.
W.V.P.0000007.5812-00-7

Manifest
Document No.

2. Page 1 of 1 Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address

U.S. EPA
303 Methodist Bldg
Wheeling, WV 26003

A. State Manifest Document Number

PAB 01337335

4. Generator's Phone

304, 233-9831

B. State Gen. ID

MT Hope, WV

5. Transporter 1 Company Name

AMO Pollution Svcs, Inc

6. US EPA ID Number

P.A.D.038966230

C. State Trans. ID

PA-AH 0156

7. Transporter 2 Company Name

8. US EPA ID Number

D. Transporter's Phone 412 921-2426

E. State Trans. ID

PA-AH

9. Designated Facility Name and Site Address

AMO Pollution Svcs, Inc.

RD #2 Box 313

CANONS BURG, PA 15317

10. US EPA ID Number

P.A.D.038966230

F. Transporter's Phone ()

G. State Facility's ID Not Required

H. Facility's Phone (412) 921-8486

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

* WASTE Polychlorinated Biphenyls 30.00
ORM-E UN 2315 (Solid) (CONTAINS DOT)

12. Containers

No. Type

1 10M

4.500

W.0.0.1

13. Total Quantity

4.500

P.0.0.0.1

4.000

P.0.0.0.1

14. Unit

Wt/Vol

W.0.0.1

P.0.0.0.1

P.0.0.0.1

15. Waste No.

W.0.0.1

P.0.0.0.1

P.0.0.0.1

P.0.0.0.1

* WASTE Flammable Solid 30.00
Flammable Solid UN 1325

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

* Non Hazardous Solid Waste 30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

30.00

J. Additional Descriptions for Materials Listed Above (Include physical state and hazard code)

Solid PCB @ 64 ppm / DOT 198 ppm Water Saturated Aqueous

Kerosene Contaminated

Aborbent PCB @ 17.5 MA/KG

K. Handling Codes for Wastes Listed Above

a.

b.

c.

d.

15. Special Handling Instructions and Additional Information

AMO Pollution Svcs, Inc Will Be Used for Temporary Storage

Unless I am a small quantity generator who has been exempted by statute or regulation from the duty to make a waste minimization certification under Sec 3002(b) of RCRA, I also certify that I have a program in place to reduce volume and toxicity of waste generated to the degree I have determined to be economically practicable and have selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

selected the method of treatment, storage, or disposal that is most protective of human health and the environment and is available to me within maximum

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Kevin King

X [Signature]

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

19. Discrepancy Indication Space

Discrepancy Statement typed in

100092

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]

Printed/Typed Name

Signature

Sandra Wilmoth

X [Signature]